

FORTY-SIXTH ANNUAL REPORT

OF THE

DEPARTMENT OF MARINE AND FISHERIES

1912-13

FISHERIES

PRINTED BY ORDER OF PARLIAMENT



OTTAWA

PRINTED BY C. H. PARMELEE, PRINTER TO THE KING'S MOST
EXCELLENT MAJESTY

1913

*To Field Marshal, His Royal Highness Prince Arthur William Patrick Albert,
Duke of Connaught and of Strathearn, K.G., K.T., K.P., &c., &c., &c., Governor
General and Commander-in-Chief of the Dominion of Canada.*

MAY IT PLEASE YOUR ROYAL HIGHNESS:

I have the honour to submit herewith, for the information of Your Royal Highness and the legislature of Canada, the forty-sixth Annual Report of the Department of Marine and Fisheries, Fisheries Branch.

I have the honour to be,

Your Royal Highness's most obedient servant,

J. D. HAZEN,

Minister of Marine and Fisheries.

DEPARTMENT OF MARINE AND FISHERIES,

OTTAWA, NOVEMBER, 1913.

ERRATA.

On page 199: Total marketed value of salt mackerel should be \$675.

On page 200: Total marketed value of fish oil should be \$15,513.

On page 219: Total marketed value should be \$1,379,905.

On page 250, the number of men in boats should be 915.

In line 32 on page 266, 21 lbs. should read 2 lbs.

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DEPUTY MINISTER'S REPORT

To the Honourable

J. D. HAZEN,

Minister of Marine and Fisheries,

SIR,—I have the honour to submit the forty-sixth annual report of the Fisheries Branch of this Department, which is for the fiscal year ended March 31, 1913.

To it are appended nineteen reports, and a list of the names of the outside staff, in the following order:—

- No. 1. Fisheries Expenditure and Revenue.
2. Fishing Bounty.
3. Nova Scotia Fisheries.
4. New Brunswick Fisheries.
5. Prince Edward Island Fisheries.
6. Quebec Fisheries.
7. Ontario Fisheries.
8. Manitoba Fisheries.
9. Saskatchewan and Alberta Fisheries.
10. Yukon Fisheries.
11. British Columbia Fisheries.
12. Imports and Exports of Fish.
13. Prosecutions for violation of the Fisheries Act.
14. The Fisheries Patrol Service.
15. United States Fishing Vessel Entries.
16. Oyster Culture.
17. Canadian Fisheries Museum.
18. Fish Breeding.
19. Fisheries of Hudson Strait.
20. The Outside Fisheries Staff.

BIOLOGICAL STATIONS OF CANADA.

The three stations established by the Dominion Government for the investigation of fishery and marine problems are in charge of the Biological Board which was given a new status by Act of Parliament 2 George V, April 6, 1912, and this year exercised its additional powers under the direction of the Minister of Marine and Fisheries.

Some changes occurred in the staff of the stations enabling a more continuous scheme of work to be carried out than in previous years, when the responsible control was exercised by a member of the Board who was appointed Director for the season. The members of the Board having important official and professional duties elsewhere, found themselves able for a time only during the season of work to actually supervise the researches carried on.

ST. ANDREWS BIOLOGICAL STATION.

The staff of university professors and of assistant university professors and post-graduate students have felt the advantage of the presence of senior workers, members of the Biological Board and it enabled them to profit by the larger experience and practical knowledge of the seniors, but it did not allow of the continuity for solving important fishery problems. Hence the Board appointed Dr. A. G. Huntsman who has had much experience in British Columbia and at the Georgian Bay station, to take responsible charge as Curator 1912-13, at St. Andrews.

He did so with great benefit to the station's work. Quite a large staff carried on investigations including Professors Macallum, Toronto; Willey, Montreal; McMurrich, Toronto; Bailey, Fredericton; Knight, of Kingston, and others, and the problems undertaken were:

1st. Experiments with lobster traps, especially with respect to Order in Council December 13, 1910, which require a wide-lath space in such traps.

2nd. The food qualities of soft-shell lobsters, specimens being procured and boiled and sealed for analysis in the laboratories of Toronto University.

3rd. The viability of various fishes, especially food fishes, after being frozen alive.

4th. Deep-sea investigations on the fishing grounds.

5th. Faunistic studies including the preparation of three sets of specimens for the Victoria Memorial Museum, Ottawa, the Fisheries Museum, Ottawa, and the Imperial Institute, London.

GEORGIAN BAY STATION.

The Georgian Bay station was under the care of Dr. E. M. Walker, of Toronto University, and a qualified staff carried on work, including Dr. Klugh and Professor MacClement, who especially devoted their attention to the aquatic insects and plants, valuable as food for the fishes in the Great Lakes.

The staff had the advantage of a new launch built in Toronto, the want of which had hampered the work. This station fulfils an important need and so much so that in the United States the founding of a similar station has been advocated. Indeed an important Ohio journal published the following statement on this matter. 'What is needed on the Great Lakes is a permanent biological station, with a staff of trained scientific men, which should be devoted to the ascertaining of all the facts regarding our food fishes, the methods of replenishing the waters and of protecting the young fry against their natural enemies—those varieties of fish which prey upon them, while themselves valueless as food. A bill for this purpose was introduced in the Senate at the present session by Senator McMillan, of Michigan. The committee on fisheries, to which it was referred, has reported it favourably through Senator Bard, the chairman,—it carries an appropriation of about \$10,000, which is ample to inaugurate this important work.'

BRITISH COLUMBIA STATION.

This station suffered a severe loss by the death of Rev. G. W. Taylor on August 22, 1912; and Dr. C. McLean Fraser, of Iowa University, was appointed to fill the vacancy and began his duties in October 1912. A new wharf was completed soon after Dr. Fraser arrived and steps were taken to procure a gasoline launch of some size, suitable for making trips to more or less distant localities where important fishery questions had arisen.

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Dr. Fraser began some valuable investigations on the breeding, eggs and life-history of the herring which abound in Departure bay waters, near the station. He also completed a very elaborate study of the hydroids of British Columbia shores, these being important as food for fishes.

He also studied the eggs of the blue cod (*Ophiodon*), these eggs being procured at the station for the first time by any scientific observer.

Professor McMurrich of Toronto visited the principal halibut banks of the north and studied the growth of the young halibut but was not able to procure the eggs. He has also published a paper on the young stages of the various British Columbia salmon. One of the questions which occupied the staff at the station was the destruction of seals infesting the estuary of the Fraser river. These animals damage the valuable salmon to a serious extent each season. Several plants of lobsters from the Atlantic coast having been made; namely 600 in 1896; about 1,000 in 1905 and 1,620 in 1908, arrangements were made for testing the results; but these up to the present time have been of a negative character. Other problems were the injurious effect of seines at Point Grey; the life-history of the oyster and other shell-fish and faunistic studies generally.

INTERNATIONAL FISHERIES COMMISSION.

The regulations, which were prepared by the commissioners appointed under the treaty of April 11, 1908, have not yet been promulgated. While this is a matter for much regret, it is one for which Canada must disclaim responsibility. A code of regulations was agreed upon by the Commissioners on the 29th of May, 1909. During the following session of Parliament, the Fisheries Act was amended, so as to enable these regulations to be proclaimed as contemplated by Article 3, of the treaty; but up to the present, the United States Congress has failed to approve the regulations, and to provide the necessary legislation to enable them to be enforced in that country.

In May, 1911, Dr. David Star Jordan, United States representative on the Commission, resigned. In April, 1912, Honourable Job E. Hedges of New York city, was appointed to succeed him.

In view of the vast importance of adequately protecting the valuable fisheries in the various waters contiguous to the boundary line, which experience indicates can best be done by the Federal Government of both countries, Canada would be very reluctant to withdraw from the treaty, and resume her liberty of action. It is hoped that after further consideration of the matter, Congress will in the near future take the necessary measures to enable the regulations to be promulgated.

RE TRANSPORTATION OF FRESH AND MILDLY CURED FISH.

The Department's policy in aiding in the stimulation and development of the trade in fresh and mildly cured fish in the interior portions of the country, by placing at the disposal of the shippers cheap rates and additional facilities and equipment, is having most gratifying results.

Prior to the time that the Department undertook to assist such markets as those in Montreal and Toronto were being very largely supplied from United States sources. The Canadian business was so small that the railways did not find it feasible to place

4 GEORGE V., A. 1914

cold storage cars, which would be hauled by fast freight, at the disposal of the shippers and the express rates were so high that successful competition with United States shippers was not found possible. This will be realized from the following: The express rate on fish from Halifax and Mulgrave is \$1.50 per 100 lbs., while from Portland the rate is but 80 cents. As, however, there is an import duty of 1 cent per lb. the gross rate is \$1.80. The advantage of 30 cents per 100 lbs. to the Canadian shipper was more than offset by the fact that at United States ports, owing to the very large number of vessels operating therefrom, a supply of fish could always be relied upon, and as the haul is short, orders could be sent up to within a few hours before the consignments were needed. Along the Canadian coast the demand for fresh fish was comparatively small and uncertain. Hence no great effort was being made by the fishermen to land fish during unfavourable weather, so that dealers could not rely on having their orders filled exactly when required, which is an absolute necessity in the carrying on of a successful business in the sale of fish.

To overcome these disadvantages and to assure, not only the Canadian market being supplied from Canadian sources, but a rapid expansion of such markets as well, the Department took up the question of procuring better rates and shipping facilities. The railway and express companies did not, however, see their way clear to do more than they were doing, keeping in view the volume of the business that seemed available. The Department, therefore, arranged to have the railway place at the disposal of the shippers a cold storage car on two days each week, which car would be hauled by fast freight to Montreal. To enable this to be done the Department guaranteed that the earnings on these cars would be at least two-thirds those on a minimum carload lot of 20,000 lbs., at carload lot rates from the point of starting to destination, plus \$4 per car for icing.

This service has proved a great boon to the trade. While it cost the Department a considerable amount annually for the first few years, it is now being taken advantage of to such an extent that it is practically self-sustaining.

While a cold storage freight service is efficient for the supplying of a substantial market, such as that of Fridays, it soon became apparent that if a considerable demand for fish on other days were to be worked up, express facilities at reasonable rates must be available to the shippers.

The Department consequently arranged with the express companies to accept responsibility for one third of the ordinary express rates on all shipments of fresh and mildly cured fish including shell-fish, from the Atlantic coast as far west as the eastern boundary of Manitoba, and from the Pacific coast as far east as the said boundary. This gave the shippers from Halifax or Mulgrave a rate of \$1 per 100 lbs. to Montreal, and proportionately from intervening points, or an advantage to the Canadian coast dealers of at least 80 cents per 100 lbs. over the United States shipper.

With such facilities and rates the Canadian dealers did not take long to demonstrate that they could control the situation. Not only has the importation of fresh fish along the Canadian Atlantic coast been stopped from the United States, but the demand in the Canadian markets is being very rapidly expanded.

While the dealers on the Pacific coast have for several years been sending fish through to Toronto and Montreal in carload lots, on which they are given a rate of \$3 per 100 lbs., the express charges in less than carload lots to the Prairie Provinces were

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so high that the working up of any large trade there seemed out of the question. The rate from Vancouver or New Westminster to Calgary is \$3.50 per 100 lbs., and to Edmonton, Qu'Appelle or Winnipeg \$4.50 per 100 lbs.

With the cheaper rate given owing to the departmental assistance the trade has increased wonderfully and now shipments are being sent in carload lots to quite an extent making departmental assistance unnecessary.

How the business from the East and from the West, by express alone, has been expanding will be gathered from the following figures, which show the amounts paid by the Department as its share of the express charges:—

Year.	On Shipments from East.	On Shipments from West.
	\$ cts.	\$ cts.
1909-10.....	15,162 20	13,541 76
1910-11.....	16,898 13	21,896 73
1911-12.....	19,620 62	35,315 10
1912-13.....	29,569 48	39,277 13

These figures as above indicated do not take account of the shipments that are made by fast freight from the Atlantic coast.

In addition to this business, in the fall and early winter of the year large shipments and carload lots are made from the Atlantic coast to points as far west as the Pacific coast, and throughout the year shipments of halibut and salmon are made in carload lots from the Pacific coast to Toronto and Montreal.

Experience has shown that to assure fresh fish packed in ice reaching distant points with the ice still unmelted, refrigerator cars are needed even by express, and it is hoped that in the near future it will be found feasible to place at the disposal of the shippers such cold storage facilities.

FISHERIES EXHIBIT AT TORONTO EXHIBITION.

While, as previously shown, the development in the trade has been very rapid, every advance has shown the possibility of making still farther advances. There seems no room for doubt that if the people had forced upon their attention the fact that with efficient transportation facilities fresh fish in first class condition and at reasonable prices can be placed at their disposal in practically all parts of the country, the demand therefor would be enormously increased. The Department has felt that the above facts could most readily be brought to the attention of the largest number of people by the making of a thoroughly representative fisheries exhibit at the Canadian National Exhibition at Toronto, as this fair is visited by people from all parts of Canada. Owing to the large expense involved none of the individual firms found it feasible to undertake such an exhibit. The Department has consequently decided to do so, and an appropriation has therefore been asked for, to enable such an exhibit to be given during the next exhibition.

DAILY BAIT REPORTS.

One of the main hindrances to the successful prosecution of the fishery for cod, haddock, hake, etc., by hook and line, during the summer months, is the curtailment of the actual fishing period, by the weeks annually spent, especially by the larger vessels, in searching for bait from harbour to harbour, without any definite knowledge to guide them in locating supplies. In an endeavour to rectify this, as far as possible, the Department, during the past summer, put into operation a system, whereby definite information concerning bait supplies along certain stretches of the coast, was collected by the local officer of the Department, and despatched daily by telegraph to certain important seaports on the Atlantic sea-board, and there posted up for the information of masters and owners of fishing vessels.

The number of ports selected as receiving stations had necessarily to be limited. In order, therefore to insure a more general diffusion of the information, and to extend to the smaller fishing ports the benefit of direct advice as to available supplies of bait, copies of all telegrams were handed to the Halifax morning papers, with the request that the information be published in their columns daily. This request was kindly complied with, and the information spread accordingly.

As far as could be ascertained, at the time of writing, this telegraphic intelligence has given the utmost satisfaction, and been of very great and real benefit to all concerned.

GENERAL REVIEW.

EXTENT OF FISHERIES.

To say that Canada possesses the most extensive fisheries in the world is no exaggeration; moreover, it is safe to add that the waters in and around Canada contain the principal commercial food fishes in greater abundance than the waters of any other part of the world. The extraordinary fertility of what may be called our own waters is abundantly proved by the fact that, apart from salmon, all the lobsters, herring, mackerel and sardines, nearly all the haddock, and many of the cod, hake, and pollock landed in Canada are taken from within our territorial waters.

The coast line of the Atlantic provinces, from the Bay of Fundy to the Straits of Belle Isle, without taking into account the lesser bays and indentations, measures over 5,000 miles; and along this great stretch are to be found innumerable natural harbours and coves, in many of which valuable fish are taken in considerable quantities with little effort.

On the Pacific coast, the province of British Columbia, owing to its immense number of islands, bays and fiords, which from safe and easily accessible harbours, has a sea-washed shore of 7,000 miles.

Along this shore and within the limits of the territorial waters, there are fish and mammals in greater abundance, probably than anywhere else in the whole world.

In addition to this immense salt-water fishing area, we have in our numerous lakes no less than 220,000 square miles of fresh water, abundantly stocked with many species of excellent food fishes. In this connection, it may be pointed out that the area of the distinctly Canadian waters of what are known as the Great Lakes—

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Superior, Huron, Erie and Ontario,—forms only one-fifth part of the total area of the larger fresh-water lakes of Canada.

The fisheries of the Atlantic coast may be divided into two distinct classes: the deep-sea, and the inshore or coastal fisheries.

The deep-sea fishery is pursued in vessels of from 40 to 100 tons, carrying crews of from 12 to 20 men. The fishing grounds worked on are the several banks, which lie from 20 to 90 miles off the Canadian coast. The style of fishing is that of 'trawling' by hook and line. The bait used is chiefly herring, squid and capelin; and the fish taken are principally cod, haddock, hake, pollock and halibut.

The inshore or coastal fishery is carried on in small boats with crews of from two to three men; also in a class of small vessels with crews of from four to seven men. The means of capture employed by boat fishermen are gill-nets, hooks and lines, both hand-line and trawl; and from the shore are operated trap-nets, haul-seines and weirs. The commercial food fishes taken inshore are the cod, hake, haddock, pollock, halibut, herring, mackerel, alewife, shad, smelt, flounder and sardine. The most extensive lobster fishery known is carried on along the whole of the eastern shore of Canada, whilst excellent oyster beds exist in many parts of the Gulf of St. Lawrence notably on the north coast of Prince Edward Island, and in the Northumberland strait.

The salmon fishery is, of course, the predominant one on the Pacific coast; but a very extensive halibut fishery is carried on in the northern waters of British Columbia in large, well-equipped steamers and vessels. The method of capture is by trawling, dories being used for setting and hauling the lines, as in the Atlantic deep-sea fishery. Herring are in very great abundance on the Pacific coast, and provide a plentiful supply of bait for the halibut fishery.

In the inland lake fisheries, the various means of capture in use are gill-nets, pound-nets, seines and hook-and-line to a great extent. The principal commercial fishes caught are whitefish, trout, pickerel, pike, sturgeon and fresh water herring—the latter in the Great lakes of Ontario only.

VALUE OF THE FISHERIES.

The total marketed value of all kinds of fish, fish products and marine animals taken by Canadian fishermen, from the sea and the inland lakes and rivers, during the fiscal year ended March 31, 1913, amounted to \$33,389,464.

This total falls short of that for the preceding year by \$1,278,408. It has to be pointed out, however, that last year's total was \$4,702,439 greater than any other previous total, so that the result for the year under review is substantially greater than that for any year other than 1912-13.

To the total the sea fisheries contributed \$29,315,772, and the inland fisheries \$4,073,692.

These results were produced by 65,081 fishermen, who manned 1,669 vessels and tugs, and 34,501 boats; together with 23,327 workers who were employed on shore in the various canneries, fish-houses, etc.; preparing the fish for market.

In the course of the year the number of boats using gasoline engines, as a means of propulsion, was raised to 5,911 by the addition of 331.

The following table shows the value produced from the fisheries of each province in its respective order of rank, with the increase or decrease as compared with the year 1911-12:—

Provinces.	Value Produced.	Increase.	Decrease.
	\$	\$	\$
British Columbia	14,455,488	778,363	
Nova Scotia	7,384,655		1,983,495
New Brunswick	4,264,054		622,103
Ontario	2,842,878	637,442	
Quebec	1,988,241	120,105	
Prince Edward Island	1,379,905	183,509	
Manitoba	800,149		313,337
Saskatchewan	111,839		27,597
Yukon Territory	111,239		586
Alberta	51,616		50,709
Totals	33,389,464	1,719,419	2,997,827
Net decrease			1,278,408

The table shows that British Columbia again contributed a large increase chiefly as a result of an increased halibut catch, and of further developments in the herring fishery.

The very largely diminished value shown against Nova Scotia is the result of stormy weather throughout the fishing season of 1912, which made deep-sea fishing particularly difficult, and greatly curtailed the catches of cod, haddock, halibut and lobsters.

The considerable decrease recorded against New Brunswick is due almost entirely to the low price of sardine herring in Charlotte County.

These fish were as plentiful as ever, but in consequence of the canned sardine market in the United States becoming overstocked, fishermen allowed many big catches to escape from the weirs.

The following table shows the quantity of the chief kinds landed in the whole of Canada during 1912-13, and during the two preceding years:—

Kinds of Fish.		1912-13.	1911-12.	1910-11.
Salmon	Cwts.	1,253,997	1,136,732	970,439
Lobsters	"	555,138	589,141	579,103
Cod	"	1,729,070	2,097,260	3,146,897
Haddock	"	503,822	530,221	456,719
Hake and Cusk	"	349,395	275,755	283,479
Pollock	"	143,324	250,881	230,813
Halibut	"	282,658	245,609	235,781
Herring	"	2,484,673	2,251,278	2,035,331
Mackerel	"	107,964	90,141	55,241
Sardines	Brls.	281,548	404,383	180,488
Alewives	Cwts.	117,614	75,567	84,406
Smelts	"	102,360	81,748	86,682
Whitefish	"	140,404	131,515	127,723
Trout	"	73,664	80,638	79,112
Pickered	"	64,839	79,610	78,306
Pike	"	62,492	80,328	90,244
Sturgeon	"	10,035	9,145	10,364
Oysters	Brls.	23,377	31,746	29,727
Clams and Quahaugs	"	105,303	103,347	96,972

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The following table shows the relative values of the chief commercial fishes returning \$100,000 and upwards, in their order of rank for the year under review, with the amount of increase or decrease, when compared with the values for the year 1911-12:—

Kinds of Fish.	Value.	Increase.	Decrease.
	\$	\$	\$
Salmon.	10,025,523		307,547
Lobsters	1,571,014		219,189
Cod.	3,368,750		833,010
Herring.	3,350,546	805,055	
Halibut.	2,719,616	440,792	
Haddock.	1,065,536		250,882
Whitefish.	1,054,925	119,475	
Smelts.	982,800	202,280	
Trout.	709,078		109,423
Sardines.	688,752		552,774
Mackerel.	635,293		27,987
Pickarel.	465,462		71,249
Hake and Cusk	400,180	36,289	
Pike	319,476		47,010
Clams and Quahogs	314,047		18,756
Crabs, Cockles, etc.	213,740	154,007	
Pollock.	178,294		150,310
Alewives	163,247	40,231	
Oysters	142,602		69,694
Sturgeon.	133,109	19,685	

In the table which follows, the total results of the sea and inland fisheries are given separately. In the first two columns are shown the catch of all kinds of sea fish, and its value as realized at the vessel's or boat's side; while in the third and fourth columns are shown the various modes in which the catch was marketed, and the market value of each kind of fish. In the fifth and sixth columns are shown the quantity and value of all kinds of fresh-water fish caught and marketed. Such fish being practically all marketed by the fishermen in its fresh state, no distinction is made between the value of the catch as landed, and its marketed value. In the outer columns are shown the total marketed quantities of the various kinds of both sea and freshwater fish and the market values of the same.

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Pollock.....	143,324	130,365	22,931	23,832	22,931	23,832	178,294
" used fresh.....			22,931	23,832			
" dried.....			40,138	154,462	40,138	154,462	
Herring.....	2,302,496	1,874,351	140,897	458,066	182,177	859,144	
" used fresh.....			140,897	458,066			
" dry salted.....			299,305	449,093			
" smoked.....			123,219	393,142			
" pickled.....			156,940	657,224			
" used as bait.....			288,570	443,118			
" used as fertilizer.....			179,029	90,759			
Mackerel.....	107,904	542,731	55,305	388,306	55,305	388,306	3,350,546
" used fresh.....			55,305	388,306			
" salted.....			17,558	246,987	17,558	246,987	635,293
Shad.....	4,630	30,788	3,526	26,826	818	7,816	
" used fresh.....			3,526	26,826			
" salted.....			364	5,460	100	2,000	
Alewives.....	111,768	104,645	36,153	47,524	5,846	8,769	42,102
" used fresh.....			36,153	47,524			
" salted.....			25,196	106,954			
Sardines.....	281,548	280,415	84,977	424,885			163,247
" canned.....			84,977	424,885			
" sold fresh and salted.....			263,601	263,867	263,601	263,867	
Hallibut, (fresh).....	282,658	1,736,784	282,658	2,719,616			688,752
Flounders.....	6,963	15,816	6,963	23,190			2,719,616
Smelts.....	102,360	595,134	102,360	982,800			23,190
Trout.....	5,726	55,792	5,726	72,272			982,800
Oulachans.....	14,795	73,175	14,795	78,950	67,938	636,806	709,078
Sturgeon.....	5,109	35,647	5,109	76,055	4,926	57,054	78,950
Bass.....	2,014	19,404	2,014	23,787	1,046	13,186	133,109
Belts.....	4,671	23,813	4,671	31,949	5,795	31,746	36,973
Tom Cod.....	21,112	31,181	21,112	41,314			63,695
Swordfish.....	6,557	32,499	6,557	47,349			41,314
Oysters.....	23,377	108,686	23,377	142,602			47,349
Clams and Oulachans.....	105,303	158,439					142,602
" used fresh.....			70,254	151,270			
" canned.....			35,049	162,777			
Squid, (bait fish).....	3,160	9,592	3,160	12,112			314,047
Mixed fish.....	23,302	70,454	23,302	73,408			12,112
Whitefish.....					114,534	396,251	469,639
Pickered.....					140,404	1,054,925	1,054,925
Pike.....					64,839	465,462	465,462
Porch.....	1,306	7,836	1,306	13,060	62,492	319,476	319,476
					16,122	80,614	93,674

RECAPITULATION *Concluded*

Of the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, etc., state, for the **whole of Canada**, during the year 1912-13.

Kinds of Fish.	Sea Fisheries.				Inland Fisheries.		Both Fisheries.	Total Marketed Value	
	Caught and Landed.		Marketed.		Caught and marketed.				Total Marketed.
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.			Quantity.	Value.
Cat-fish	
Maskinonge	6,320	50,568	6,320	50,568	
Pallibee	124	1,639	124	1,639	
Albacore	2,914	5,861	.....	.....	13,463	44,991	
Capelin	17,464	4,366	13,463	44,991	2,914	.....
Soles	3,520	17,600	.....	.....	17,464	12,829	
Skate	898	2,694	.....	.....	3,520	4,366	
Whiting	500	1,750	.....	.....	898	35,200	
Octopus	245	1,715	.....	.....	500	7,184	
Shrimps	27	270	.....	.....	245	5,000	
Whale oil	27	3,675	
Whale Fertilizer	1,518,706	509,551	1,518,706	540	
Salmon Roe	2,151	77,086	2,151	509,551	
Crab	2,000	10,000	2,000	77,086	
Crab	461	15,982	461	10,000	
Fish Glue Stock	1,010	17,170	1,010	15,982	
Tongues and Sounds	2,275	22,181	3,151	17,170	
Caviare, (sturgeon roe)	876	22,707	
Crabs, Dulse, Cockles and other shell fish	23,236	88,840	.....	.....	96	9,695	
Fur Seal Skins	265	6,150	.....	.....	23,236	213,740	
Hair Seal Skins	18,618	20,968	205	1,150	
Beluga Skins	47	235	18,618	20,964	
Whales	1,197	395,100	.....	.....	47	235	
Fish Oil	381,200	122,922	381,200	122,922	
Totals.	16,766,386	29,315,772	4,073,692	33,389,464	

The Dulse included is dried,

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REVIEW OF THE FISHERIES OF EACH PROVINCE.

NOVA SCOTIA.

The total marketed value of the fish and fish products of this province for the year under review amounted to \$7,384,055.

This, when compared with the total for the preceding year, shows a decrease amounting to no less than \$1,983,495.

This big decrease is due principally to a shortage in the catch of cod, haddock, halibut and lobsters; the value of which dropped \$934,720, \$263,886, \$164,872 and \$301,935 respectively.

Stormy weather throughout the summer and fall of 1912 made deep-sea fishing more than usually hazardous, and to this alone must be attributed the diminished yield.

Compared with the preceding year, there were 123 more men employed on vessels and 341 more in boats; while of fish workers there were 1,672 fewer employed on shore.

The results in the various inpectoral districts of the province were as follows:—

District No. 1.

The marketed value of the fisheries of this district, which comprises the whole island of Cape Breton, amounted to \$913,217; this is \$76,098 less than the value for the preceding year.

The mackerel catch in Inverness county was the best in many years. Dogfish were not nearly so numerous as in former years.

Unfavourable weather conditions, scarcity of bait, and a tendency on the part of the younger men to give up fishing, owing to greater opportunities of obtaining ready money at other employment, are the chief causes of the falling off in the year's results. The totals of the chief kinds landed in the district during the year and those landed during the two preceding years, were as follows:—

	1912-13	1911-12.	1910-11.
	Cwts.	Cwts.	Cwts.
Salmon ..	1,903	2,690	1,982
Lobsters..	53,221	49,250	43,484
Cod.....	101,696	146,440	169,590
Haddock	70,220	95,708	82,443
Hake	6,541	6,384	10,397
Pollock....	7,141	10,244	23,033
Herring	47,886	33,621	33,449
Mackerel	19,882	8,883	9,071

In the district there were 26 more men in vessels, and 452 fewer men in boats. Of gasoline boats there were in use 179; an increase of 89 over the previous year.

District No. 2.

This district comprises the counties of Halifax, Guysboro, Antigonish, Pictou, Cumberland, Colchester and Hants. During the year under review its fisheries produced a total marketed value of \$2,176,181. This is \$766,275 less than the total for

the preceding year. A shortage in the landings of cod, haddock and herring is chiefly accountable for the decrease in value. In the course of his report which will be found on page 40, the inspector submits some interesting figures which show the variations of the lobster fishery in his district during the past 17 years.

The total landings of the chief kinds during 1912-13, and the two preceding years were as follows:—

	1912-13	1911-12	1910-11
	Owts.	Cwts.	Cwts.
Salmon.	4,020	4,416	3,080
Cod	137,314	181,439	145,799
Haddock.	162,172	192,774	106,611
Pollock.	32,855	38,073	26,966
Herring	110,156	161,698	100,068
Mackerel.	19,441	48,970	20,063
Halibut.	13,692	17,794	5,749

In 1912-13 the pack of lobsters was 4,872 cases less than the pack in 1911-12 and 3,181 cases less than that in 1910-11.

The shipment of live lobsters was 100 cwts. greater than that in 1911-12 and 6,063 greater than the shipment of 1910-11.

The number of vessels decreased by 2, and of sail boats by 378; but there were 397 more gasoline boats in use. There were 273 fewer men employed on vessels and boats.

District No. 3.

In this district, which comprises the counties of Lunenburg, Queens, Shelburne, Yarmouth, Digby, Annapolis and Kings, the total marketed value of the fisheries amounted to \$4,294,657. This is a decrease of \$1,141,122 from the total of the preceding year.

In the early part of the season, and again in the latter part, storms prevented profitable fishing, while during the summer bait was unobtainable.

In many sections of the district, fierce gales during the winter season destroyed fully 50 per cent of the lobster traps and caused a suspension of fishing operations.

The catch of the Lunenburg banking fleet fell far short of the catch in the preceding year, owing to lack of bait and rough weather.

The regular bait grounds were unproductive and the vessels lost much time cruising for supplies.

Mackerel were very plentiful in the district and operations resulted in a largely increased catch.

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The total landings of the chief kinds during 1912-13 and the two preceding years were as follows:—

	1912-13	1911-12	1910-11
	Cwts.	Cwts.	Cwts.
Salmon	1,698	2,176	2,475
Lobsters	129,222	175,316	154,566
Cod	689,095	1,021,493	1,953,534
Haddock	239,880	217,876	230,156
Hake	167,998	135,218	149,588
Pollock	55,144	144,354	117,371
Herring	218,105	180,033	230,743
Mackerel	45,263	8,899	4,928
Halibut	14,129	27,980	7,093

There were 101 more men fishing in vessels and 380 more in boats. There was an addition of 254 to the fleet of boats using gasoline as a means of propulsion.

Fuller details of the fisheries of Nova Scotia will be found in Appendix No. 3.

NEW BRUNSWICK.

The total marketed value of all fish and fish products of this province for the year under review amounted to \$4,264,054. This falls short of the preceding year's total by \$622,103. The decrease is due almost entirely to the collapse of the canned sardine market, which resulted in such low prices that little more than half the preceding year's catch was taken from the weirs. With the exception of lobsters, oysters and clams, on the gulf shore, all the chief kinds of fish gave substantially increased values.

There were 106 fewer men in vessels, 189 fewer in boats, and 187 fewer workers on shore. Boats to the number of 1,087 used gasoline as a means of propulsion. This is an increase of 299.

District No. 1.

The total marketed value of the fisheries of this district, which comprises the counties of Charlotte and St. John, amounted to \$1,612,599. This is a decrease of \$479,754 from the record which was established in the preceding year. The very poor demand for sardine herring at the weirs caused fishermen to liberate many hogsheads of these fish, consequently the total value of the catch fell \$548,331 below the preceding year's total. Increased catches of cod, haddock, hake and lobsters helped to minimise somewhat the effect of the poor sardine season.

It is gratifying to note that the lobster fishery in this district is increasing its output from year to year. As will be observed in the accompanying table the increase for the year under review is comparatively large.

4 GEORGE V., A. 1914

The totals of the chief kinds landed during the year and those landed during the two preceding years were as follows:—

	1912-13.	1911-12.	1910-11.
	Cwts.	Cwts.	Cwts.
Salmon.....	3,295	3,353	3,237
Lobsters.....	12,410	8,539	7,786
Cod.....	25,253	18,160	19,012
Haddock.....	20,532	10,382	22,410
Hake.....	97,524	79,412	60,750
Pollock.....	47,954	58,210	63,443
Herring.....	189,200	190,660	61,743
Sardines.....Barrels	280,282	403,103	179,803

There were eight more men in vessels, 51 more men in boats, and 374 more workers on shore. To the fleet of gasoline boats there were added 99.

District No. 2.

The total marketed value of the fisheries of this district, which comprises the counties of Albert, Westmorland, Kent, Northumberland, Gloucester, and Restigouche, amounted to \$2,611,333. This is a decrease of \$150,422 from the total for the preceding year. A greatly augmented smelt catch offset diminished lobster, oyster and clam catches, and prevented what would otherwise have been a very much reduced total value.

Caraquet Harbour and vicinity, in Gloucester county, is the headquarters of a large fleet of small vessels, whose crews energetically and successfully prosecute cod fishing all through the summer in Chaleur bay and on the nearer banks in the Gulf of St. Lawrence.

Of the total catch of cod (218,683 cwts.) in the whole of No. 2 district no less than 210,878 cwts. were taken by the Gloucester county fleet.

The totals of the chief kinds landed in the district during the year and those landed during the two preceding years were as follows:—

	1912-13.	1911-12.	1910-11.
	Cwts.	Cwts.	Cwts.
Salmon.....	10,004	9,111	10,430
Lobsters.....	71,768	3,343	94,280
Cod.....	218,683	33,400	215,000
Haddock.....	2,115	2,741	5,070
Hake.....	10,280	3,002	12,000
Herring.....	565,482	2,729	898,120
Smelts.....	79,854	64,179	67,250
Oysters.....Barrels	9,239	15,436	14,045

There were 107 fewer men in vessels, 22 fewer men in boats and 521 fewer workers on shore. The number of motor boats in use was 2,661, an increase of 181.

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District No. 3.

(Inland.)

The total value of the fisheries of this district, which comprises the counties of Kings, Queens, Sunbury, York, Carleton, Victoria and Madawaska, amounted to \$40,132. This is an increase of \$8,083 over the value for the preceding year. In spite of an unfavourable season, salmon fishing on the various rivers of the district was quite satisfactory.

The following table shows the catches of the chief kinds during the year and during the two preceding years:—

	1912-13.	1911-12	1910-11.
	Cwts.	Cwts.	Cwts.
Salmon	578	520	698
Trout	574	579	753
Pickeral	897	658	571
Sturgeon	92	48	111

Fuller details concerning the fisheries of New Brunswick will be found in Appendix No. 4.

PRINCE EDWARD ISLAND.

The total marketed value of the fisheries of this province for the year under review amounted to \$1,379,906, which when compared with the preceding year's total (\$1,196,396) shows a very considerable increase. A greater lobster catch, together with enhanced prices, added much to the increased total.

The yield of smelts, notwithstanding unfavourable weather conditions, was also greater and produced in value \$38,999 more than the catch in the preceding year.

The take of clams and quahaugs, on the other hand, was smaller, and resulted in the value of these being diminished by \$12,432.

The totals of the chief kinds landed during the year and those landed during the two preceding years were as follows:—

	1912-13	1911-12.	1910-11.
	Cwts.	Cwts.	Cwts.
Lobsters.....	136,992	118,090	112,137
Cod	49,876	49,653	66,023
Haddock.....	2,477	9,100	9,048
Hake.....	38,751	16,600	28,276
Herring.....	83,391	79,178	124,845
Mackerel.....	5,448	5,005	5,446
Smelts.....	10,545	5,688	11,100
Oysters..... Barrels	8,631	8,835	11,264

There were 24 fewer men in vessels, 126 more men in boats, and 287 fewer workers on shore. The number of boats using gasoline as a means of propulsion was increased by 326.

Fuller details of the fisheries of the province will be found in Appendix No. 5.

QUEBEC.

The total marketed value of the fisheries of this province for the year under review amounted to \$1,988,241, which is \$120,105 greater than the total for the preceding year.

Gulf Division—Sea Fisheries.

The fisheries of this division, which comprises the counties of Bonaventure, Gaspé (including the Magdalen Islands), Rimouski, and Saguenay (including Anticosti), amounted in value to \$1,872,391. This is an increase of \$124,695 over the preceding year's total.

It will be noticed in the accompanying table that the lobster catch is less than that of the preceding year; but while this is so the higher price per case brings the value in both years about equal. There is little difference in the catch of cod, but the enhanced price of the dried product, gives over \$70,000 of an increased value.

During the year under review the two steamers of the whaling station at Seven Islands, captured 90 whales; as against 45 in the preceding year.

The totals of the chief kinds of fish landed during the year under review and the two preceding years were as follows:—

	1912-13	1911-12.	1910-11.
	Cwts.	Cwts.	Cwts.
Salmon	8,946	8,278	8,895
Lobsters	50,450	56,927	57,340
Cod	478,573	474,610	557,546
Haddock	6,426	1,590	981
Herring	358,709	393,982	305,170
Mackerel	11,786	12,713	11,000

There were 50 fewer men in vessels, and 1,647 fewer men in boats. Of the boats 126 used gasoline as a means of propulsion. This is an increase of 63.

Inland Fisheries.

The total value of what are known as the inland fisheries of the province amounted to \$115,850 in the year under review.

This is a decrease of \$4,590 from the total of the preceding year.

There were 59 more persons engaged in the fisheries during 1912-13.

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The totals of the chief kinds taken during the year and the two preceding years were as follows:—

	1912-13.	1911-12.	1910-11.
	Cwts.	Cwts.	Cwts.
Salmon	145	132	61
Trout	1,240	1,000	855
Pickereel	1,423	1,175	1,141
Pike	855	914	873
Sturgeon	1,742	2,095	543
Eels	3,167	4,428	3,089

Fuller details of the fisheries of the province will be found in Appendix No. 6.

ONTARIO.

The fisheries of Ontario are administered by the provincial government; this Department simply maintains three officers in the province and exercises a general supervision only.

The Department is indebted therefore to Mr. Tinsley, Superintendent of Fisheries for Ontario, for the summary of the fisheries of the province for 1912, which is contained in this report.

The total value of all kinds of fish taken during the year under review amounted to \$2,842,877; as against \$2,419,178 in 1911, and 2,348,269 in 1910.

The totals of the chief kinds of fish taken during the year and the two preceding years were as follows:—

	1912-13.	1911-12.	1910-11.
	Cwts.	Cwts.	Cwts.
Whitefish	58,897	44,540	45,022
Herring	170,677	131,620	94,802
Trout	63,707	65,120	81,373
Pickereel	26,656	20,225	20,689
Pike	24,732	20,985	33,628
Sturgeon	3,092	2,253	2,371

There were fishing 198 more men than in the previous year.

Reports by the three federal officers and fuller details will be found in Appendix No. 7; but those who desire more detailed information should consult the report of the Provincial Game and Fisheries Department, which is published annually at Toronto.

MANITOBA.

The value of the fisheries of this province for the year under review amounted to \$800,149. This is a decrease of \$313,337 from the total of the preceding year.

The summer fishing in Lake Winnipeg was very good. The fish were of good quality and of good size.

A northwest storm early in January broke up the ice on Lake Winnipeg and caused a great loss of netting. As a result winter fishing was not so successful as in previous years.

Compared with the preceding year there were 466 fewer persons engaged in the fishing.

Details of the fisheries of the province will be found in Appendix No. 8.

SASKATCHEWAN.

The total value of the fisheries of this province for the year under review amounted to \$111,839. This falls short of the total for the preceding year by \$275,597.

In the northern parts of the province the weather conditions were unfavourable. Ice formed on many of the lakes to the depth of from four to five feet, and with a covering of three feet of snow caused great inconvenience and extra labour in opening holes and operating nets.

The catches of the chief kinds for the year and for the two preceding years were as follows:—

	1912-13.	1911-12.	1910-11.
	Cwts.	Cwts.	Cwts.
Whitefish	23,120	30,856	21,490
Trout	577	1,137	1,713
Pickeral	2,193	2,656	2,790
Pike	5,197	5,975	7,385
Mixed Fish	2,915	3,195	3,700

There were 75 fewer men engaged in fishing.

Details regarding the quantity and value of the different kinds of fish taken in the various fishing lakes of the province will be found in Appendix No. 9.

ALBERTA.

The total value of fish taken from the lakes and streams of Alberta during the year under review amounted to \$51,616.

This is only about half the total for the preceding year.

A comprehensive report by Inspector Willson, on the various lakes in the northern part of the province, as well as detailed information regarding quantities and values of fish taken, will be found in Appendix No. 9.

YUKON.

The total value of fish taken in the Yukon territory during 1912-13 amounted to \$111,239.

This is a decrease of \$586 from the total of the preceding year.

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When compared with those for the previous year the catches of the various kinds show little difference.

Details will be found in Appendix No. 10.

BRITISH COLUMBIA.

The total marketed value of the fisheries of this province for the year under review amounted to \$14,455,488. This is an increase of \$778,363 over the total for the preceding year, and establishes a new record.

The salmon catch was considerably greater than that of the previous year, but its value was over \$300,000 less. This falling off in value was due to the fact that a large proportion of the catch consisted of humpbacks, and other inferior kinds, which of course sold at much lower rates than the famed sockeyes.

The herring catch was much greater and increased its value by more than \$600,000.

The value of the halibut fishery shows an increase of over six hundred thousand dollars, owing to a largely increased catch. As an evidence of the rapid advance of the halibut fishery in British Columbia in recent years, it may be pointed out that four years ago, its annual value had not reached one million dollars. In the year now being reviewed, the value of the halibut catch in round figures, is two and one-half million dollars.

The catches of the chief kinds landed in the whole of British Columbia during the year, and those landed during the two preceding years, were as follows:—

	1912-13.	1911-12.	1910-11.
	Cwts.	Cwts.	Cwts.
Salmon.....	1,221,057	1,103,666	937,827
Cod.....	28,580	25,065	23,334
Herring.....	729,567	545,442	275,193
Halibut.....	253,283	196,486	219,063
	Number.	Number.	Number.
Whales.....	1,107	1,199	958

Throughout the whole of the province there were 15,628 persons employed on sea and shore in connection with the fisheries during 1912-13, against 15,167 during the preceding year.

District No. 1.

The total value of the fisheries of this district, which comprises the southern portion of the mainland of the province, including the Fraser River district, for the year under review, amounted to \$6,263,820; making an increase of \$95,258 over the total for the preceding year.

There was a falling off in the salmon fishery of this district, which caused a drop in value of nearly one million dollars. Strange to say, however, the pack of sockeye salmon was nearly 49,000 cases greater than the preceding year's sockeye pack.

The value of the increased catches of herring and halibut offset the diminished value of the salmon catch.

The catches of the chief kinds landed in this district during the year, and those landed during the two preceding years were as follows:—

	1912-13.	1911-12.	1910-11.
	Cwts.	Cwts.	Cwts.
Salmon	410,000	445,355	321,477
Cod	14,750	14,165	12,101
Herring	46,800	19,822	57,309
Halibut	211,274	158,541	193,866
Sturgeon...	5,051	5,168	5,500
	Brls.	Brls.	Brls.
Oysters.....	2,781	1,355	1,747

There were 4,743 persons employed in connection with the fisheries during 1912-13; as against 4,753 during the preceding year.

District No. 2.

The total value of the fisheries of this district, which comprises the northern portion of the province, including Queen Charlotte islands, for the year under review amounted to \$581,291. This is an increase of \$358,530 over the total for the preceding year.

To the increase, salmon contributed over \$200,000, and herring over \$100,000, due to the development of the herring fishery of Prince Rupert, and the erection of additional canneries at Bella Bella, Naden Harbour and Aliford Bay.

The whaling stations on Queen Charlotte islands had a successful season. The number of whales captured, exceeded that for the preceding year by 217, and included 3 sperm whales.

The catches of the chief kinds landed in this district during the year and those landed during the two preceding years were as follows:—

	1912-13.	1911-12.	1910-11.
	Cwts.	Cwts.	Cwts.
Salmon	589,647	491,989	427,803
Herring.....	166,787	26,410	12,990
Halibut	29,079	27,945	15,750
Oulachons.....	13,800	15,000	14,020
	Number.	Number.	Number.
Whales.....	526	309	147

Compared with the preceding year there was a decrease of 85 in the number of those engaged in the fisheries.

Salmon, herring and halibut returns show largely increased quantities and values; but the number of whales captured falls short of the preceding year's take by 307, and so the value from this source is diminished accordingly.

The catches of the chief kinds landed in this district during the year and those landed during the two preceding years were as follows:—

	1912-13.	1911-12.	1910-11.
	Cwts.	Cwts.	Cwts.
Salmon ..	221,410	166,322	188,547
Cod.....	12,230	10,900	8,233
Herring..	515,980	499,210	204,894
Halibut.....	12,930	10,000	9,447
	Brls.	Brls.	Brls.
Clams....	8,865	4,030	975
	Number.	Number.	Number.
Whales.....	583	890	812

The fleet of gasoline boats was increased by the addition of 26.

Full reports by the chief inspector for the province and the district inspectors will be found, together with statistical details in Appendix No. 11.

The following table is a recapitulation of the quantities and values of all kinds of fish and fish products marketed, by the various provinces during the year 1912-13:—

RECAPITULATION
By Provinces of the Quantities and Values of all Fish and Fish Products Marketed during the Year 1912-13.

Number.	Kinds of Fish.	Nova Scotia.		New Brunswick.		Prince Edward Island.		Quebec.		Ontario.		Number.
		Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	
1	Salmon, used fresh.	7,474	108,933	13,877	238,167	80	880	7,979	95,954			1
2	" canned.	89	623			25	300					2
3	" salted (dry)							886	7,088			3
4	" mild cured											4
5	" smoked	40	800									5
6	Lobsters, canned.	84,374	1,578,941	28,305	481,185	54,798	986,364	20,139	362,502			6
7	" shipped in shell	71,816	970,107	13,418	191,190			145	725			7
8	Cod, used fresh	81,664	172,477	19,992	39,984	2,108	3,939	400	400			8
9	" green salted.	45,655	156,248	14,082	46,066	3,156	6,895	12,655	31,637			9
10	" dried	251,685	1,484,089	65,261	329,847	13,184	58,315	150,954	830,246			10
11	Haddock, used fresh	187,833	191,169	7,994	19,985	240	480	50	100			11
12	" canned.	7,558	45,348									12
13	" smoked (finmans)	35,826	197,962	5,760	27,648							13
14	" dried	67,149	269,364	1,043	3,129	744	2,814	2,125	7,537			14
15	Hake and Chalk, used fresh.	24,476	22,798	14,562	10,944	126	189					15
16	" dried	58,298	227,663	31,071	93,213	12,873	41,893	1,160	3,480			16
17	Pollock, used fresh	4,239	5,025	18,692	18,807							17
18	" dried	30,298	120,022	9,840	34,140	2,804	3,391	15,800	10,050			18
19	Herring, used fresh	59,346	80,719	31,739	31,361			4,250	8,500	170,677	853,394	19
20	" smoked.	11,783	51,603	98,330	210,044			25,223	126,115			20
21	" pickled	53,590	235,557	57,458	231,012	1,914	10,890	73,140	109,710			21
22	" used as bait	65,097	120,415	61,025	91,538	37,414	68,071	61,979	30,989			22
23	" used as fertilizer	1,110	550	115,940	59,220							23
24	Skate.											24
25	Mackerel, used fresh	48,771	322,696	6,010	60,100	504	5,310	20	200			25
26	" salted	11,944	156,191	45	675	1,647	27,369	3,922	62,752			26
27	Shad, used fresh	517	3,086	3,530	26,950			297	2,006			27
28	" salted	27	405	437	7,055							28
29	Alewives, used fresh	20,248	31,619	21,751	24,674							29
30	" salted	4,233	13,994	20,920	92,760	43	200					30
31	Capelin.							17,464	4,366			31
32	Sardines, canned.			84,977	424,885							32
33	" salted			263,335	263,335			266	532			33

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	28,216	216,818	665	6,550	504	5,040	
34 Halibut, used fresh							34
35 Soles							35
36 Flounders	1,694	4,462	2,414	4,753	700	350	36
37 Smelts	4,231	31,863	80,288	802,880	4,019	32,152	37
38 Trout	1,038	12,880	1,778	17,780	1,867	20,100	38
39 Albacore	2,914	12,829				63,707	39
40 Sturgeon			150	1,210	1,742	9,749	40
41 Bass	168	1,635	1,871	22,402	1,005	12,856	41
42 Eels	1,685	8,992	2,460	19,377	3,506	18,082	42
43 Tom Cod	717	779	20,060	40,120	255	255	43
44 Swordfish.	6,557	47,349					44
45 Oysters.	2,726	14,740					45
46 Clams & Quahaugs, inc. Scallops, used fresh.			9,239	55,434			46
47 " " " " canned	27,066	44,750	33,351	66,283	1,614	6,156	47
48 Squid, (bait fish).	470	2,275	26,240	127,142			48
49 Mixed Fish.	2,818	10,779	152	608	155	620	49
50 Tongues and Sounds	6,129	7,013	507	507	10,898	30,934	50
51 Tullibee.	1,758	8,921	331	9,930	90	450	51
52 Caviare, (sturgeon roe).			1	150			52
53 Dulse, Cockles & other shell fish.	788	3,600	2,196	7,620			53
54 Cat Fish.							54
55 Fur Seal Skins							55
56 Hair Seal Skins	178	193			16,165	20,206	56
57 Bladders.							57
58 Beluga Skins.					47	235	58
59 Whale Oil.	300	120			149,310	44,793	59
60 Fish Oil.	104,158	36,483			134,957	40,487	60
61 Fish—Glue Material.	1,010	17,170	51,710	15,513			61
62 Whitefish.			15	225			62
63 Pickerel.			897	7,176			63
64 Perch			45	180			64
65 Pike					509	5,090	65
66 Maskinonge					1,423	14,230	66
67 Guano.					1,722	8,610	67
68 Whale Bone.					855	5,008	68
69 Whiting.					107	1,214	69
70 Octopus.					311	10,885	70
71 Oulachons.					11	4,950	71
72 Whale Fertilizer.							72
73 Salmon Roe							73
74 Shrimps.							74
75 Whale-bone meal							75
Totals.		7,384,055		4,264,054		1,988,241	2,842,875

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NUMBER OF PERSONS EMPLOYED AND AMOUNT OF CAPITAL
INVESTED IN THE FISHERIES.

During the year 1912-13 there were employed in the actual work of fishing throughout the whole of Canada, 9,076 men on board of vessels and tugs and 56,005 in boats.

In canneries and fish-houses on shore there were employed in the work of cleaning the fish and preparing it for market 23,327 persons, making a grand total of 88,408 persons directly engaged in the work of the fisheries.

This makes an increase of 20 men on vessels, a decrease of 2,865 men in boats, and a decrease of 1,879 in the number of workers on shore.

In addition to the foregoing, there were many persons employed in a more indirect way, such as coopers, teamsters, boat-builders, rope-makers, etc., who are not taken into account in making up the returns.

The estimated total capital invested in the fisheries amounted to \$24,388,459. Of this sum \$20,442,714 was invested in connection with the sea fisheries, and \$3,945,745 in connection with the inland fisheries. Of the total \$7,744,038 represents the value of vessels and boats, while \$16,644,421 stands for the value of fishing gear, canneries, fish-houses and other fixtures necessary to the carrying on of the industry.

The following tables show the details of the number of men employed and the number and value of vessels, boats, etc., for the whole of Canada. Table No. 1 distinguishes between sea and inland fisheries. Table No. 2 gives the totals by provinces:—

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TABLE No. 1.
RECAPITULATION

Of the Number of Fishermen, &c., and of the number and value of Fishing Vessels, Boats, Nets, Traps, &c., used in the Sea and Inland Fisheries in the whole of Canada, for the year 1912-13.

	Sea Fisheries.		Inland Fisheries.		Total Both Fisheries.	
	Number.	Value.	Number.	Value.	Number.	Value.
		\$		\$		\$
Vessels.....	1,083	3,485,563	8	75,000	1,091	3,560,563
Boats (gasolene).....	5,857	1,834,885	54	14,375	5,911	1,849,260
" (sail).....	24,900	993,448	3,690	229,407	28,590	1,222,855
Tugs and smacks.....	381	661,635	197	499,675	578	1,161,310
Gill nets.....	136,895	1,568,546	110,492	798,577	247,387	2,367,123
Trap and smelt nets.....	5,241	358,354			5,241	358,354
Seines and other nets.....	2,875	400,464	4,508	287,584	7,383	688,048
Weirs.....	727	399,380	24	16,750	751	416,130
Trawls.....	16,808	192,492			16,808	192,492
Hand lines.....	55,336	42,417	8,520	18,793	63,856	61,210
Eel traps.....			60	100	60	100
Lobster canneries.....	718	643,525			718	643,525
" traps.....	1,590,966	1,406,145			1,590,966	1,406,145
Salmon canneries.....	60	2,517,000			60	2,517,000
" traps.....	7	71,000			7	71,000
Sardine and clam canneries.....	22	399,850			22	399,850
Freezers and Ice-houses.....	598	222,847	697	1,891,685	1,295	2,114,532
Smoke and fish-houses.....	7,076	1,476,864	211	36,118	7,287	1,512,982
Piers and wharves.....	2,377	3,154,289	114	66,108	2,491	3,220,397
Fishing huts and cottages.....			53	61,150	53	61,150
Whaling stations.....	5	550,000			5	550,000
Oil factories.....	1	35,000			1	35,000
Scows and pile drivers.....	502	18,350			502	18,350
Skates of gear.....	528	10,560			528	10,560
Spears.....			226	423	226	423
Total values.....		20,442,714		3,945,745		24,388,459
Number of men employed in vessels and tugs.....	8,034		1,042		9,076	
Number of men employed in boats.....	47,808		8,197		56,005	
Number of person employed in fish-houses, freezers, &c.....	21,102		2,225		23,327	
Total.....	76,944		11,464		88,408	

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COMPARATIVE TABLE showing the total Value of the Fisheries in the respective Provinces of Canada, from 1870 to 1912-13 inclusive, as compiled from the Annual Reports of the Department of Marine and Fisheries.

Year.	Nova Scotia.	New Brunswick.	Prince Edward Island.	Quebec.	Ontario.	British Columbia.	Manitoba, Saskatchewan, Alberta and Yukon.	Total for Canada.
1870.....	\$ 4,019,425	\$ 1,131,433	\$ No data.	\$ 1,161,551	\$ 264,982	\$ No data.	\$ No data.	\$ 6,577,391
1871.....	5,101,030	1,185,033	"	1,093,612	193,524	"	"	7,573,199
1872.....	6,016,835	1,965,459	"	1,320,189	267,633	"	"	9,570,116
1873.....	6,577,085	2,285,662	207,595	1,391,564	293,091	"	"	10,754,997
1874.....	6,652,302	2,685,794	288,863	1,608,660	446,267	"	"	11,681,886
1875.....	5,573,851	2,427,654	298,927	1,596,759	453,194	"	"	10,350,385
1876.....	6,029,050	1,953,389	494,967	2,097,668	437,229	104,697	"	11,117,000
1877.....	5,527,858	2,133,237	763,036	2,560,147	438,223	583,433	"	12,005,934
1878.....	6,131,600	2,305,790	840,344	2,664,055	348,122	925,767	"	13,215,678
1879.....	5,752,937	2,554,722	1,402,301	2,520,395	367,133	631,766	"	13,529,254
1880.....	6,291,061	2,744,447	1,675,089	2,631,556	444,491	713,335	"	14,499,979
1881.....	6,214,782	2,930,904	1,955,290	2,751,962	509,903	1,454,321	"	15,817,162
1882.....	7,131,418	3,192,339	1,855,687	1,976,516	825,457	1,842,675	"	16,824,092
1883.....	7,689,374	3,185,674	1,272,468	2,138,997	1,027,033	1,644,646	"	16,958,192
1884.....	8,763,779	3,730,454	1,085,619	1,694,561	1,133,724	1,358,267	"	17,766,404
1885.....	8,283,922	4,005,431	1,293,430	1,719,460	1,342,692	1,078,038	"	17,722,973
1886.....	8,415,362	4,180,227	1,141,991	1,741,382	1,435,998	1,577,348	186,980	18,679,288
1887.....	8,379,782	3,559,507	1,037,426	1,773,567	1,531,850	1,974,887	129,084	18,386,103
1888.....	7,817,030	2,941,863	876,862	1,860,012	1,839,869	1,902,195	180,677	17,418,510
1889.....	6,346,722	3,067,039	886,430	1,876,194	1,963,123	3,348,067	167,679	17,655,256
1890.....	6,636,444	2,699,055	1,041,109	1,615,119	2,009,637	3,481,432	232,104	17,714,902
1891.....	7,011,300	3,571,050	1,238,733	2,008,678	1,806,389	3,008,755	332,969	18,977,878
1892.....	6,340,724	3,203,922	1,179,856	2,236,732	2,042,198	2,849,483	1,088,254	18,941,171
1893.....	6,407,279	3,746,121	1,133,368	2,218,905	1,694,930	4,443,963	1,042,093	20,686,661
1894.....	6,547,387	4,351,526	1,119,738	2,303,386	1,659,968	3,950,478	787,087	20,719,573
1895.....	6,213,131	4,403,158	976,836	1,867,920	1,584,473	4,401,354	752,466	20,199,338
1896.....	6,070,895	4,799,423	976,126	2,025,754	1,605,674	4,183,999	745,543	20,407,425
1897.....	8,090,346	3,934,135	954,949	1,737,011	1,289,822	6,138,865	638,416	22,783,546
1898.....	7,226,034	3,849,357	1,070,202	1,761,440	1,433,632	3,713,101	613,355	19,067,121
1899.....	7,347,604	4,119,891	1,043,645	1,953,134	1,590,447	5,214,074	622,911	21,891,706
1900.....	7,809,152	3,769,742	1,059,193	1,989,279	1,333,294	4,878,820	718,159	21,567,639
1901.....	7,989,548	4,193,264	1,050,623	2,174,459	1,428,078	7,942,771	958,410	25,737,153
1902.....	7,351,753	3,912,514	887,024	2,039,175	1,265,706	5,284,824	1,158,437	21,959,433
1903.....	7,841,602	4,186,800	1,099,510	2,211,792	1,535,144	4,748,365	1,478,665	23,101,878
1904.....	7,287,099	4,671,084	1,077,546	1,751,397	1,793,229	5,219,107	1,716,977	23,516,439

COMPARATIVE TABLE showing the Total Value of the Fisheries in the respective Provinces of Canada, from 1870 to 1912-13, inclusive, as compiled from the Annual Reports of the Department of Marine and Fisheries - *Concluded.*

Year.	Nova Scotia.	New Brunswick.	Prince Edward Island.	Quebec.	Ontario.	British Columbia.	Manitoba, Saskatchewan, and Yukon.	Total for Canada.
1905..	\$ 8,259,085	\$ 4,847,090	\$ 998,922	\$ 2,003,716	\$ 1,708,963	\$ 3,850,216	\$ 1,811,570	\$ 29,479,562
1906..	7,799,160	4,905,225	1,168,939	2,175,035	1,734,856	7,003,347	1,492,923	26,279,485
1907-08.	7,632,330	5,300,564	1,492,695	2,047,390	1,935,025	6,122,923	968,422	25,499,349
1908-09.	8,009,838	4,754,298	1,378,624	1,881,817	2,100,078	6,465,038	861,392	25,451,085
1909-10.	8,081,111	4,676,315	1,197,556	1,808,436	2,177,813	10,314,755	1,373,181	29,629,169
1910-11.	10,119,243	4,134,144	1,153,708	1,692,475	2,026,121	9,163,235	1,676,507	29,965,433
1911-12.	9,367,550	4,886,157	1,196,396	1,868,136	2,205,436	13,677,125	1,467,072	34,667,872
1912-13	7,384,055	4,264,054	1,379,905	1,988,241	2,842,878	14,455,488	1,074,843	33,389,461

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COMPARATIVE TABLE showing Number and Value of Vessels and Boats engaged in the Fisheries of Canada, together with the Value of Fishing Material used, since 1880

Year.	Vessels.		Value.	Boats.		Value of Nets and Seines.	Value of other Fishing Material.	Total Capital Invested.
	Number	Tonnage.		Number	Value.			
			\$		\$	\$	\$	\$
1880... ..	1,181	45,323	1,814,688	25,266	716,352	985,978	419,564	3,936,582
1881... ..	1,120	48,389	1,765,870	26,108	696,710	970,617	679,852	4,113,049
1882... ..	1,140	42,845	1,749,717	26,747	833,137	1,351,193	823,938	4,757,985
1883... ..	1,198	48,106	2,023,045	25,825	733,186	1,243,366	1,070,930	5,120,527
1884... ..	1,182	42,747	1,866,711	24,287	741,727	1,191,579	1,224,646	5,014,663
1885... ..	1,177	48,728	2,021,633	28,472	852,257	1,219,284	2,604,285	6,697,479
1886... ..	1,133	44,605	1,890,411	28,187	850,545	1,263,152	2,720,187	6,814,295
1887... ..	1,168	44,845	1,989,840	28,092	875,316	1,499,328	2,384,356	6,748,840
1888... ..	1,137	33,247	2,017,558	27,384	859,953	1,594,992	2,390,502	6,863,005
1889... ..	1,100	44,936	2,064,918	29,555	965,010	1,591,085	2,149,138	6,770,151
1890... ..	1,069	43,084	2,152,790	29,803	924,346	1,695,358	2,600,147	7,372,641
1891... ..	1,027	39,377	2,125,355	30,438	1,007,815	1,644,892	2,598,124	7,376,186
1892... ..	988	37,205	2,112,875	30,513	1,041,972	1,475,043	3,017,945	7,647,835
1893... ..	1,104	40,096	2,246,373	31,508	955,109	1,637,707	3,174,404	8,681,557
1894... ..	1,178	41,768	2,409,029	34,102	1,009,189	1,921,352	4,099,546	9,439,116
1895... ..	1,121	37,829	2,318,290	34,268	1,014,057	1,713,190	4,208,311	9,253,848
1896... ..	1,217	42,447	2,041,130	35,398	1,110,920	2,146,934	4,527,267	9,826,251
1897... ..	1,184	40,679	1,701,239	37,693	1,128,682	1,955,304	4,585,569	9,370,794
1898... ..	1,154	38,011	1,707,180	38,675	1,136,943	2,075,928	4,940,046	9,860,097
1899... ..	1,178	38,508	1,716,973	38,538	1,195,856	2,162,876	5,074,135	10,149,840
1900... ..	1,212	41,307	1,940,329	38,930	1,248,171	2,405,860	5,395,765	10,990,125
1901... ..	1,231	40,358	2,417,680	38,186	1,212,297	2,312,187	5,549,136	11,491,300
1902... ..	1,296	49,888	2,620,661	41,667	1,199,598	2,103,621	5,382,079	11,305,959
1903... ..	1,343	42,712	2,755,150	40,943	1,338,003	2,305,444	5,842,857	12,241,454
1904... ..	1,316	43,025	2,592,527	41,938	1,376,165	2,189,666	6,198,584	12,356,942
1905... ..	1,384	41,640	2,813,834	41,463	1,373,337	2,310,508	6,383,218	12,880,897
1906... ..	1,439	40,827	2,841,875	39,634	1,462,374	2,426,341	7,824,975	14,555,565
1907-08... ..	1,390	36,902	2,731,888	38,711	1,437,196	2,266,722	8,374,440	14,826,502
1908-09... ..	1,441	40,818	3,571,871	39,965	1,696,856	2,283,127	7,957,500	15,508,275
1909-10... ..	1,750	37,662	3,331,121	41,170	1,855,629	2,572,820	9,626,362	17,357,932
1910-11... ..	1,680	38,454	3,028,625	38,977	2,483,996	2,786,548	10,720,701	19,019,870
1911-12... ..	1,648	...	3,502,928	36,761	2,695,650	2,453,191	12,281,135	20,932,904
1912-13... ..	1,669	...	4,671,923	34,501	3,072,115	4,154,880	12,489,541	24,388,479

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COMPARATIVE TABLE showing the Number of Persons employed in the Fishing Industry since 1895.

Year.	Number of Persons in Canneries and Fish-houses.	Number of Men in Vessels.	Number of Men in Boats.	Total Number of Fishermen.	Total Number of Persons in Fishing Industry.
1895.....	13,030	9,804	61,530	71,334	84,364
1896.....	14,175	9,735	65,502	75,237	89,412
1897....	15,165	8,879	70,080	78,959	94,124
1898...	16,548	8,657	72,877	81,534	98,082
1899 .	18,708	8,970	70,893	79,893	98,601
1900.....	18,205	9,205	71,859	81,064	99,269
1901....	15,315	9,148	69,142	78,290	93,605
1902.....	13,563	9,123	68,678	77,801	91,364
1903....	14,018	9,304	69,830	79,134	93,152
1904.....	13,981	9,236	68,109	77,345	91,326
1905....	14,037	9,366	73,505	82,871	96,908
1906.....	12,317	8,458	67,646	76,104	88,421
1907-08....	11,442	8,089	63,165	71,254	82,696
1908-09....	13,753	8,550	62,520	71,070	84,823
1909-10	21,694	7,931	60,732	68,663	90,357
1910-11	24,978	8,521	60,089	68,610	93,588
1911-12....	25,206	9,056	56,870	65,926	91,132
1912-13 .	23,327	9,076	56,005	65,081	88,408

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OTHER APPENDICES.

FISHERIES EXPENDITURE AND REVENUE.

A statement of the total expenditure and revenue in connection with the fisheries of Canada during the fiscal year ended March 31, 1913, forms Appendix No. 1 of this report.

The total expenditure amounted to \$761,956.74, divided amongst the various services as follows:—

Salaries and disbursements of fishery officers, \$198,665.17; fish breeding, \$283,793.43; miscellaneous expenditure, \$279,498.14; and \$159,996.40 distributed as fishing bounty.

The total amount received as revenue from fishing licenses, fines, etc., in the different provinces was \$106,469.01, which includes the sum of \$13,500, paid by United States fishing vessels as *modus vivendi* fees.

FISHING BOUNTY.

The fishermen of the Maritime Provinces received the sum of \$159,996.40 as bounty on their respective catches of sea fish during the season of 1912-13.

The number of claims received during the year was 12,972, being greater than that of the preceding year by 93; while the number of claims paid was 12,964, an increase of 319.

The sum of \$67,318.80 was paid to 965 vessels and their crews; the number of vessels being the same as for 1911-12.

To boats and boat fishermen was paid the sum of \$92,677.60, the number of boats being 11,998 and of boat fishermen 20,411; an increase of 338 boats and 704 men.

The amount of bounty expended in each province for 1912-13 was as follows:—

Nova Scotia, \$97,904.15; New Brunswick, \$15,109.75; Prince Edward Island, \$11,119; Quebec, \$35,863.40.

Since the inception of the system in 1882, the sum of \$4,900,200.37 has been paid to fishermen and vessel and boat owners, with a view to encouraging them in the development of their industry.

The regulations governing the payment of the bounty, as well as the particulars respecting its distribution, form Appendix No. 2.

IMPORTS AND EXPORTS OF FISH.

Statements showing the quantities of the chief commercial fish and fish products imported into Canada for home consumption, and the quantities of the chief commercial fish and fish products, the produce of Canada, exported during the fiscal year, 1912-13, will be found in Appendix No. 12.

The quantities of the different kinds exported in any one year do not necessarily bear any relation to the quantities caught in that year, for the reason that the products may not be, and are not, all exported during the year in which the fish are caught.

The figures in this appendix are taken from the report of the Customs department and are reproduced in such form as will readily show to what countries the various products of the fisheries are sent.

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PROSECUTIONS FOR VIOLATION OF THE FISHERIES ACT.

A return showing the number of prosecutions for violation of the Fisheries Act, the nature of the offences and the amount collected in fines and by sales of confiscated fish and gear throughout the various provinces of the Dominion during the fiscal year 1912-13 forms Appendix No. 13.

The return shows an increase of 268 in the number of prosecutions.

THE FISHERIES PATROL SERVICE.

For the prevention of illegal fishing and for the general enforcement of the fisheries regulations in the inland waters, and for the prevention of illegal lobster and other fishing on the sea coast, the Fisheries Branch has under its control in the various provinces a number of motor launches and small steamers. Reports on the work of these craft during the year 1912-13, will be found in Appendix No. 14.

UNITED STATES FISHING VESSEL ENTRIES, ETC.

In Appendix No. 15 will be found lists of United States fishing vessels which have made use of Canadian ports, and of United States fishing vessels to which *modus vivendi* licenses were issued, during the year 1912-13.

On the Atlantic coast an aggregate of 1,890 entries were made by 300 vessels against 1,491 entries by 282 vessels during the preceding year.

Modus vivendi licenses were issued to 112 United States vessels during 1912-13, the revenue from which amounted to \$13,500, there being a decrease of one in the number of vessels, and of \$285 in the amount of revenue.

OYSTER CULTURE.

In Appendix No. 16 will be found a report by Mr. Kemp, the Department's oyster expert, on his work during the season of 1912.

CANADA FISHERIES MUSEUM.

In Appendix No. 17 will be found a report on the condition of the Fisheries Museum at Ottawa, by Mr. Andrew Halkett, the Department's naturalist.

FISH BREEDING.

The annual report on the work carried on in connection with the breeding of fish in the various establishments throughout the Dominion during 1912-13 will be found in Appendix No. 18.

HUDSON STRAIT FISHERIES.

In Appendix No. 19 will be found a report on the fish and fisheries of the Hudson strait, by Thomas Tanner, Dominion Customs and Fishery Officer.

THE OUTSIDE STAFF.

The names of the various inspectors of fisheries and other fishery officers, with the districts over which they have jurisdiction, as well as a list of officers in charge of fish hatcheries, and of officers in charge of fisheries patrol boats, will be found in Appendix No. 20.

I have the honour to be, sir,

Your obedient servant,

A. JOHNSTON,

Deputy Minister of Marine and Fisheries.

PHOTOGRAPHS



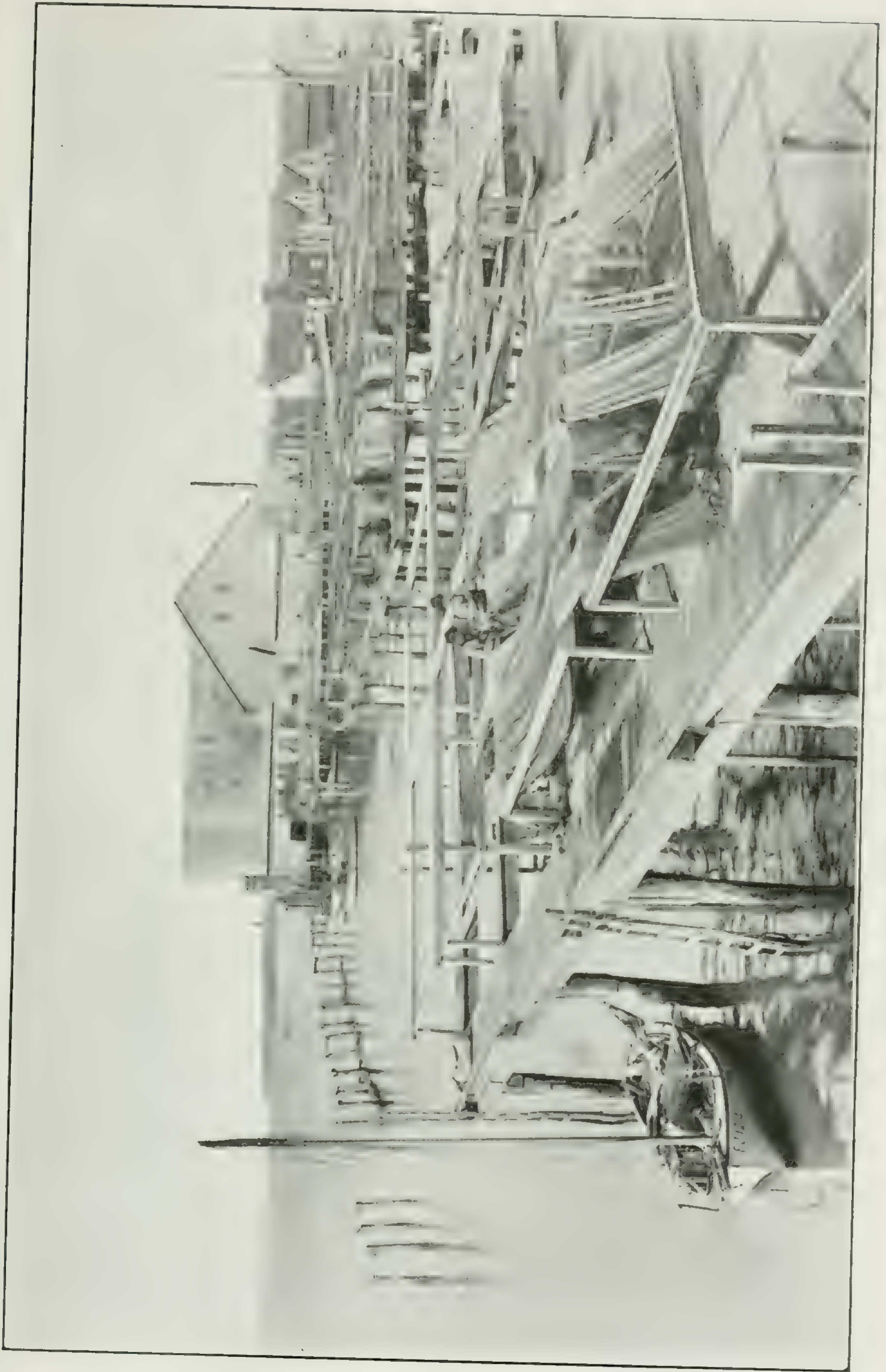
A gathering of salmon in an eddy on the Fraser River.



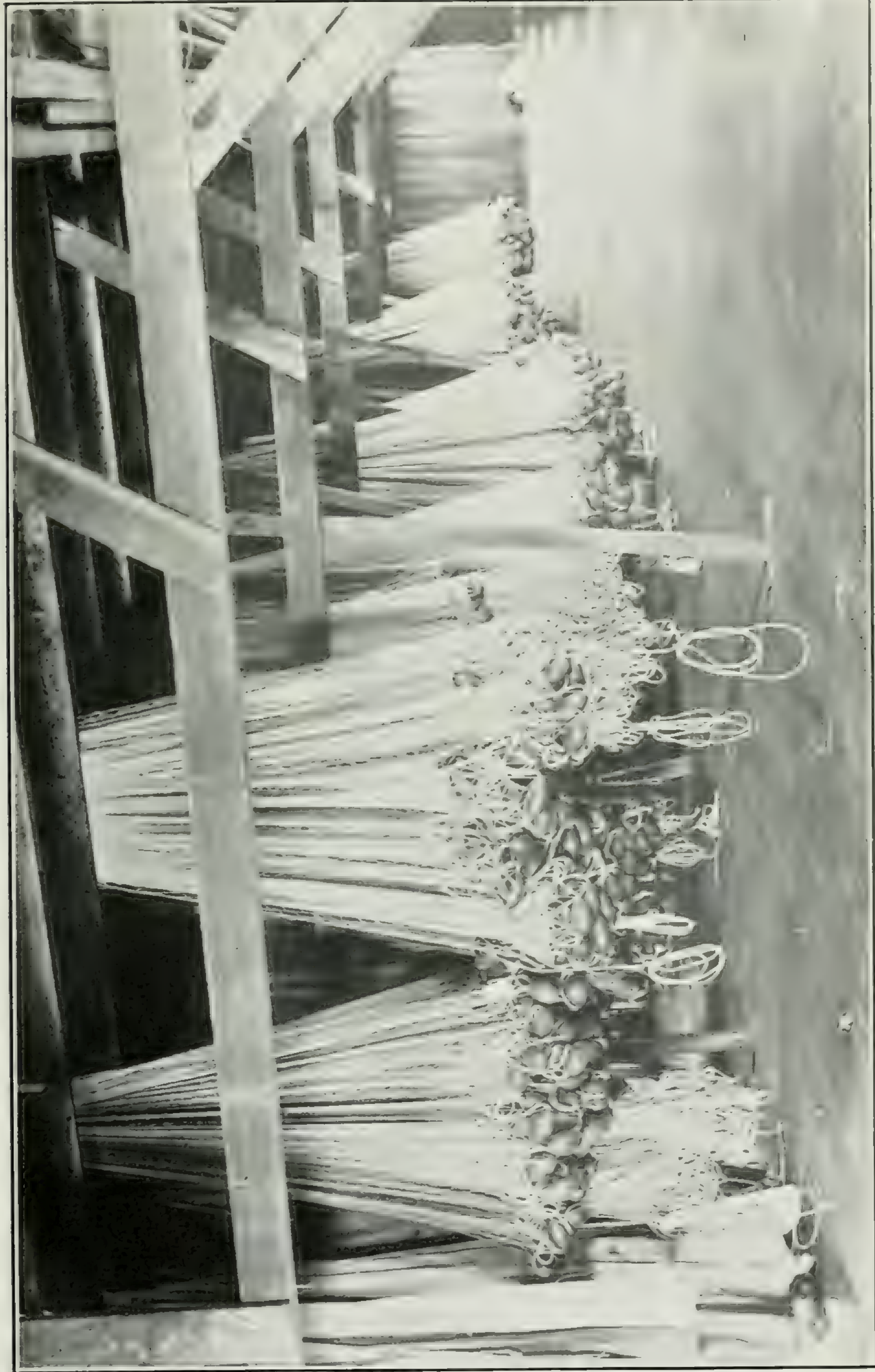
Salmon overcoming rapids on Fraser River.



Salmon endeavouring to surmount falls on Fraser River.



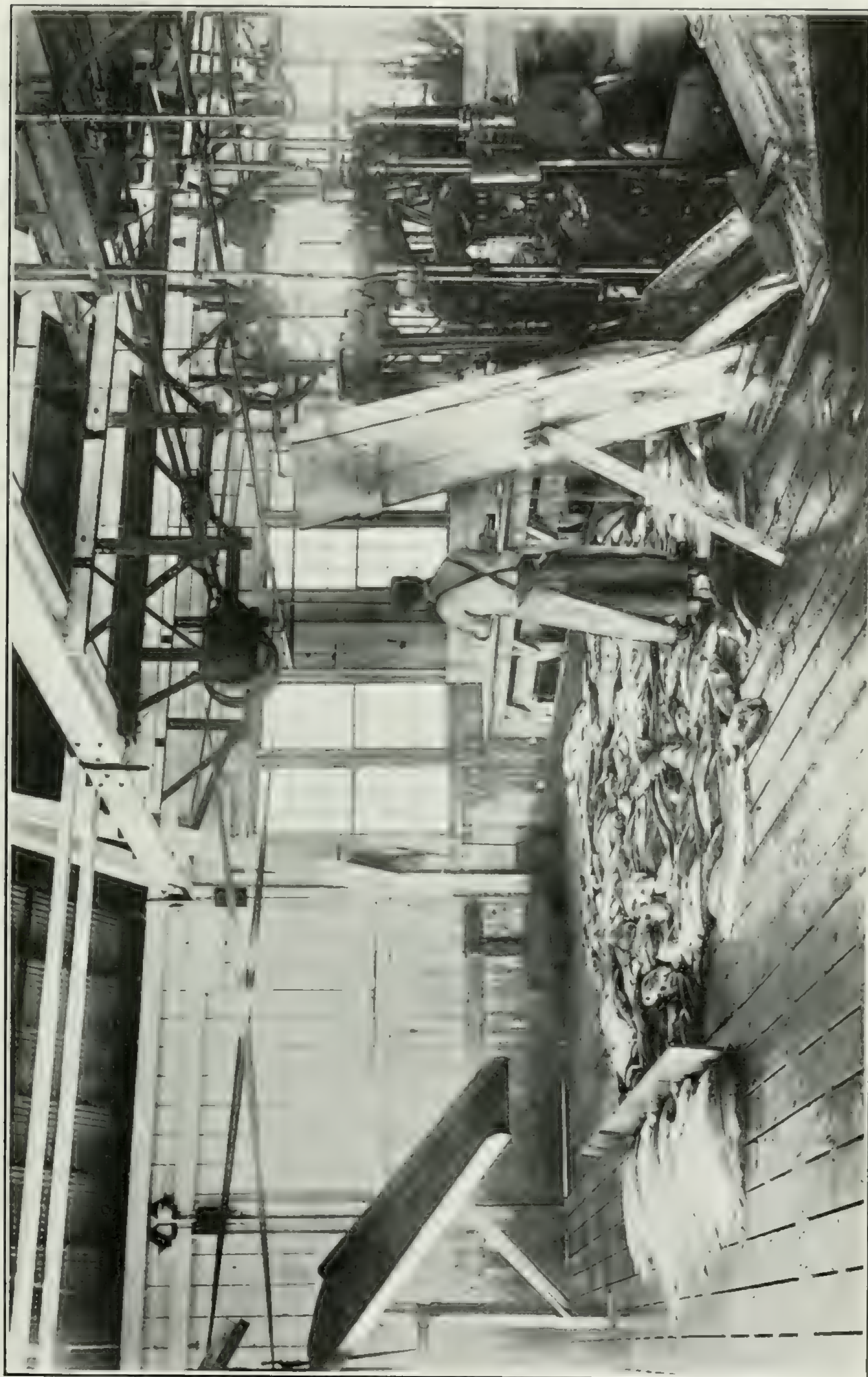
Salmon cannery and net racks.



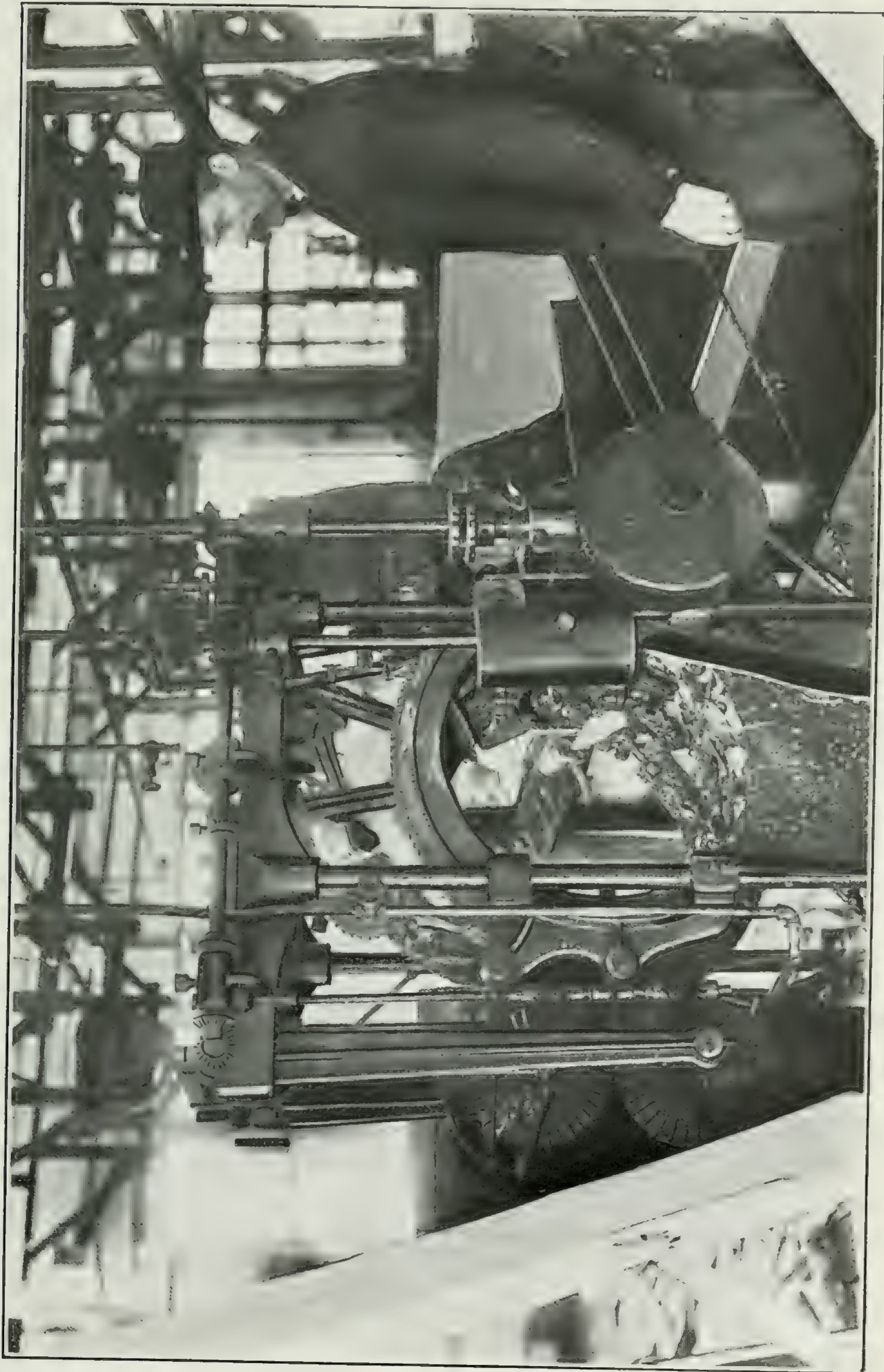
Net left in a salmon country.



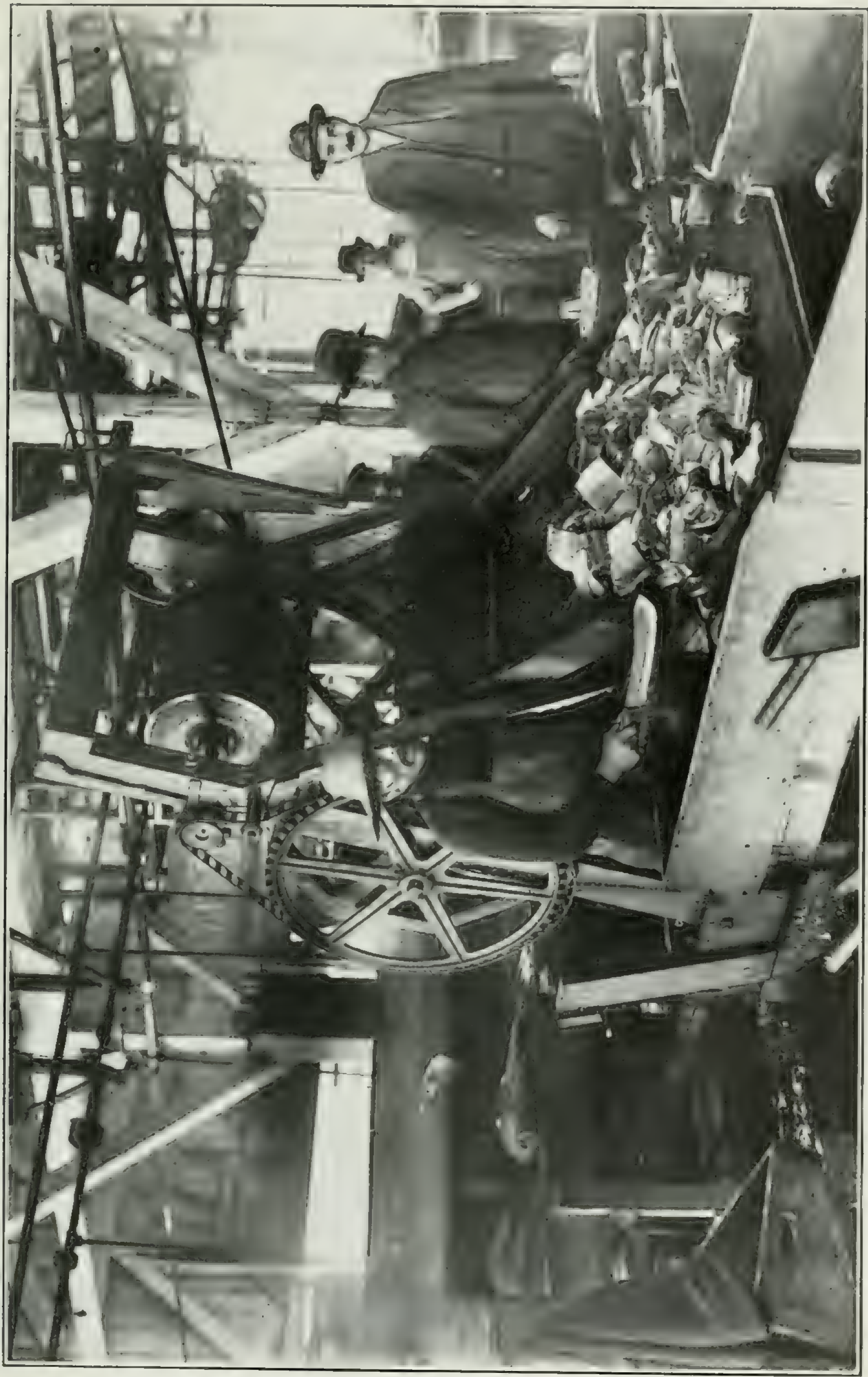
Salmon cannery, machinery.



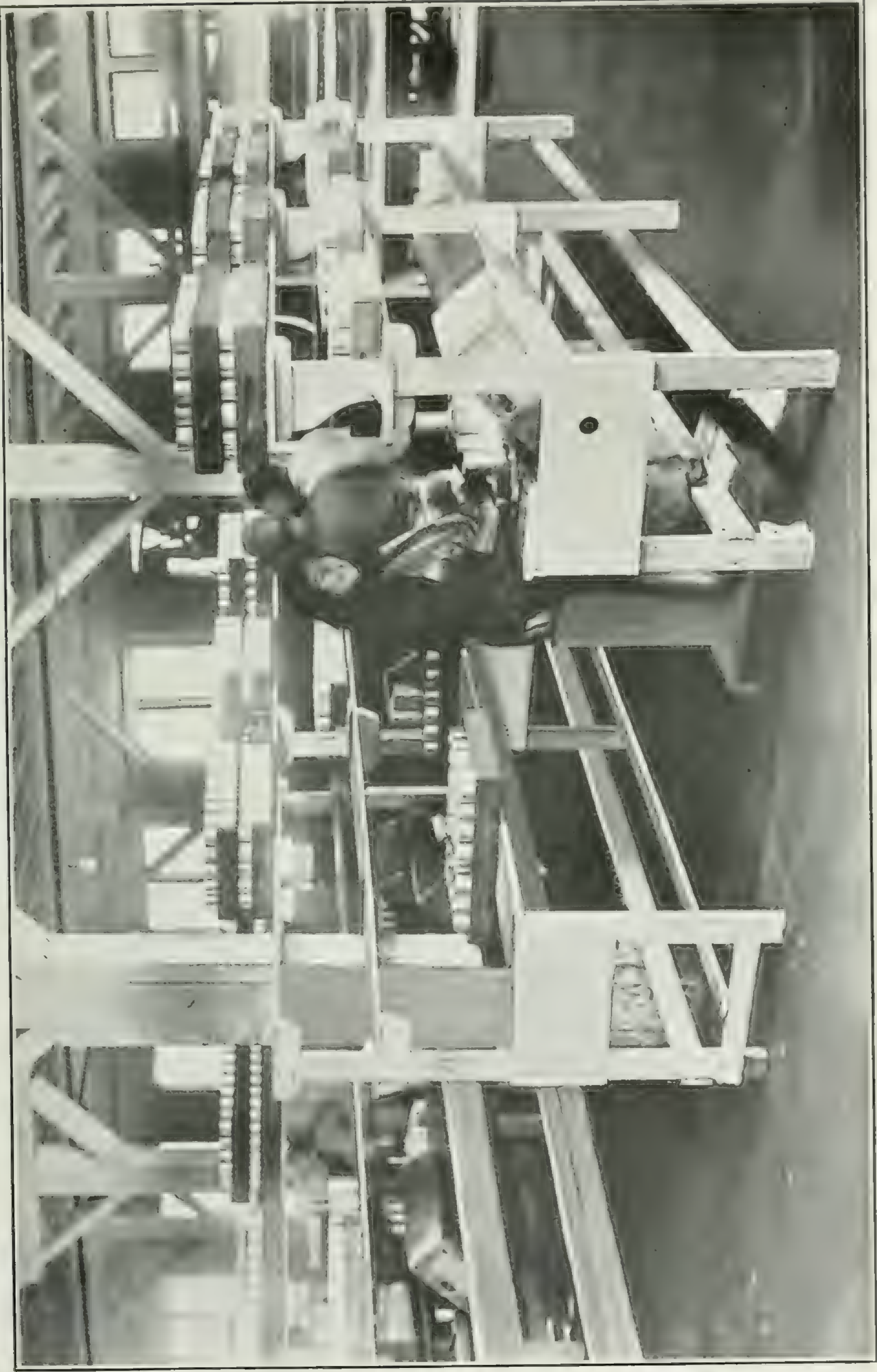
Receiving floor and "iron chink".



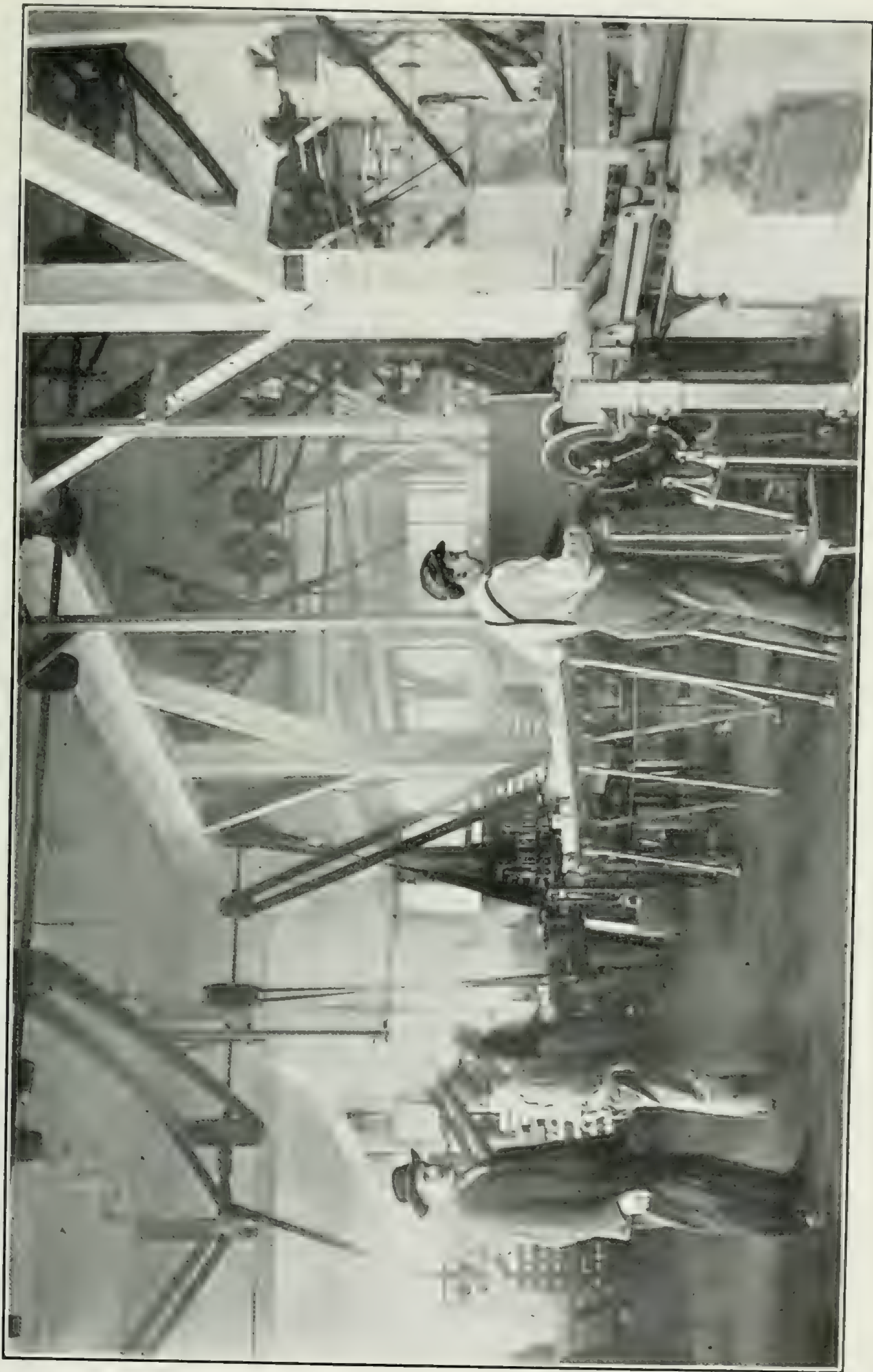
An "iron chink" at work in a salmon cannery.



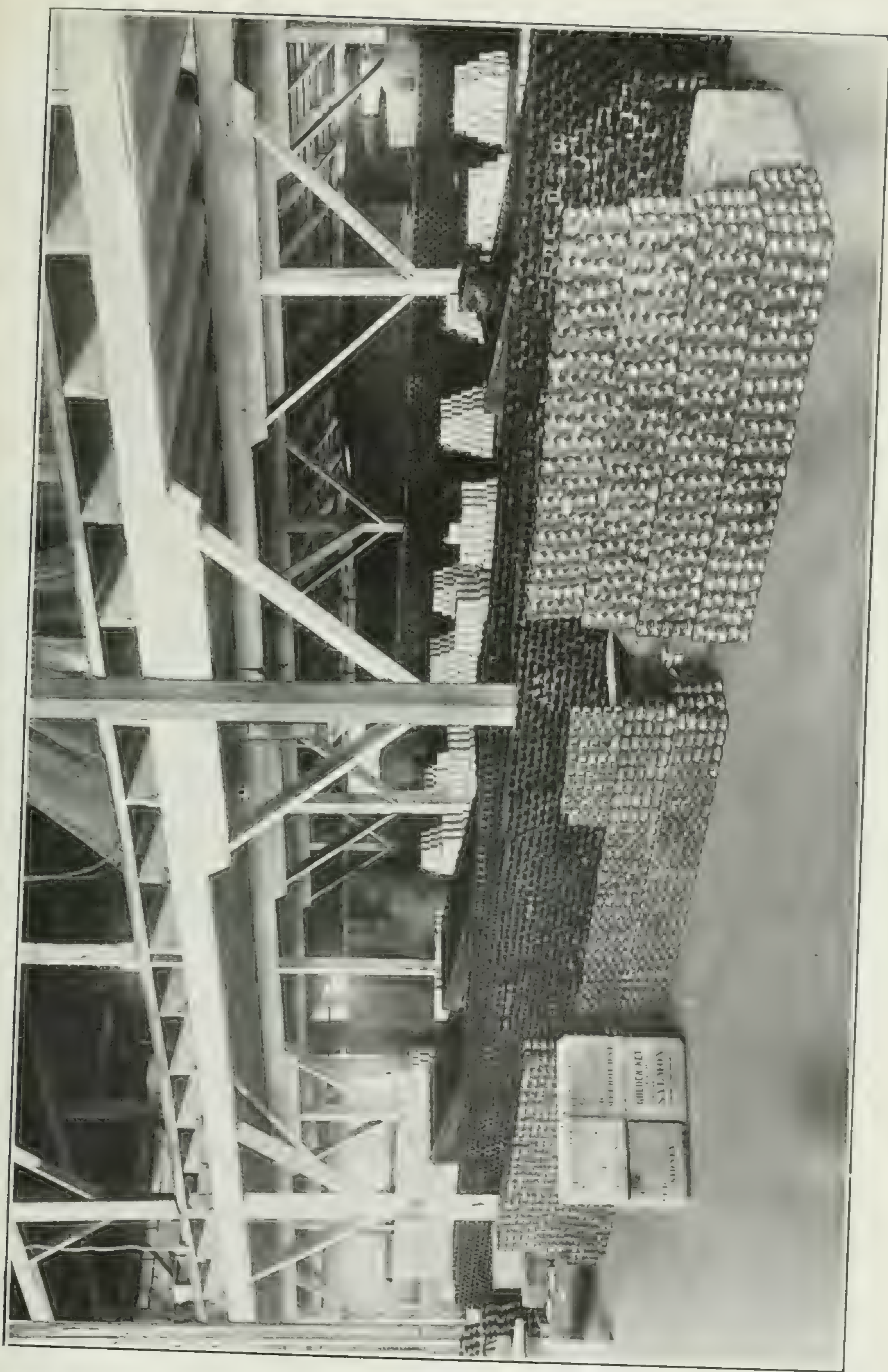
Salmon cuts from an "iron chink".



Interior of salmon cannery.



At work in a salmon cannery.



Canned salmon in storage room.



A sword fishing boat cruising, Atlantic Coast.



A motor fishing boat, in the harbour of Digby, N.S.



Motor fishing boats, in the harbour of Digby, N.S.

APPENDIX No. 1.

EXPENDITURE AND REVENUE.

The total expenditure for all fisheries services, except civil government, for the fiscal year ended March 31, 1913, amounted to \$761,956.74.

The total net fisheries revenue derived from rents, fines, sales and license fees (including *modus vivendi* licenses to United States vessels) for the same period amounted to \$106,469.01.

The following is a summary of the sums appropriated and those expended for the various services during 1912-13.

FISHERIES EXPENDITURE, 1912-13.

Service.	Appropriation		Expenditure.	
	\$	cts.	\$	cts.
Salaries and disbursements of Fishery Officers.....	200,000	00	198,665	17
Fish breeding establishments.....	322,300	00	283,793	43
Fisheries Patrol Service.....	87,000	00	86,843	18
Fishery patrol boats for British Columbia.....	85,000	00	21,747	30
Five lobster fishery patrol boats.....	25,000	00	14,743	80
Oyster culture.....	10,000	00	4,665	91
Cold storage and transportation of fresh fish.....	65,000	00	64,983	50
Dog-fish reduction works.....	60,000	00	36,515	00
Fisheries Intelligence Bureau.....	10,000	00	8,641	75
Canadian Fisheries Exhibits ..	16,000	00	6,481	65
International Fisheries Commission.....	5,000	00	244	99
Building fishways.....	10,000	00	9,954	00
Legal and incidental expenses.....	4,000	00	2,348	77
Georgian Bay Laboratory.....	2,000	00	2,000	00
Marine Biological Stations.....	19,000	00	19,000	00
Fisheries Commissions.....	1,000	00	694	72
Services of Customs Officers in connection with issuing of <i>Modus Vivendi</i> licenses ..	900	00	703	57
Expenses of investigating claims for compensation under the Pelagic Sealing Treaty.....	10,000	00		
Total ..	932,200	00	761,956	74
Fishing Bounty.....	160,000	00	159,996	40

The following summaries show the salaries and disbursements of the fishery officers in the several provinces, the expense for maintenance of fish breeding establishments throughout Canada; also the expense for that part of the Fisheries Protection Service called the Fisheries Patrol Service.

Details will be found in the Auditor General's report under the proper headings.
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SALARIES AND DISBURSEMENTS OF FISHERIES OFFICERS, 1912-13.

Provinces.	Officers.		Guardians.		Miscella- neous.	Total.
	Salaries.	Disburse- ments.	Wages.	Expenses.		
	\$ cts	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Nova Scotia	6,658 89	19,281 95	19,463 36	256 70	167 21	45,828 11
Prince Edward Island	2,649 28	2,167 76	3,714 16	222 40	136 55	8,890 15
New Brunswick	5,149 94	11,456 75	29,397 47	920 71	211 44	45,136 31
Quebec	5,722 52	3,219 86	750 00		92 00	9,784 38
Ontario	3,758 75	384 65			188 85	4,332 25
Manitoba	2,558 33	1,904 78	1,453 42	833 10	112 52	6,862 15
Alberta and Saskatchewan	7,395 15	4,544 84	2,490 25	2,982 76		17,413 00
British Columbia	22,896 42	5,657 95	11,947 63	2,772 99	2,552 31	45,826 40
Yukon.	1,425 00	144 83	300 00		40 00	1,909 83
General account		455 48			11,108 00	11,563 48
Total						197,546 06
Outstanding advances						1,119 11
Total expenditure						198,665 17

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FISH BREEDING, 1912-13.

Hatcheries.	Salaries.	Maintenance	Total Expenditure of Hatchery.	Total Expenditure of Provinces
<i>Nova Scotia.</i>	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Antigonish.....	132 00	2,750 01	2,882 01	
Arichat.....	270 00	2,675 04	2,945 04	
Bayview.....	243 50	2,639 76	2,883 26	
Bedford.....	1,520 79	906 59	2,427 38	
Canso.....	273 00	1,368 81	1,641 81	
Inverness.....	178 50	2,880 90	3,059 40	
Isaac Harbour....	252 00	1,291 13	1,543 13	
Little Bras d'Or....	297 00	5,084 50	5,381 50	
Lendloff.....		902 15	902 15	
Long Beach Pond....		4,116 84	4,116 84	
Margaree.....	1,180 42	3,230 37	4,410 79	
Margaree Pond....		2,673 32	2,673 32	
Middleton.....		9,534 81	9,534 81	
Windsor.....	1,049 88	960 24	2,010 12	
<i>Prince Edward Island.</i>				46,411 56
Charlottetown.....		1,967 40	1,967 40	
Georgetown.....	290 00	1,961 86	2,251 86	
Kelly's Pond.....	1,150 00	736 37	1,886 37	
<i>New Brunswick.</i>				6,105 63
Buctouche.....		3,032 01	3,032 01	
Miramichi.....	1,124 84	3,762 42	4,887 26	
Restigouche.....	2,025 25	2,493 27	4,518 52	
Shad.....		2,799 08	2,799 08	
St. John's Pond....	326 61	7,781 84	8,108 45	
St. John's River....	1,159 07	878 95	2,038 02	
Shemoque.....	269 00	2,747 10	3,016 10	
Shippegan.....	183 00	1,684 94	1,867 94	
<i>Quebec.</i>				30,267 38
Gaspé.....	1,008 22	1,254 07	2,262 29	
Lake Lester.....	929 11	1,169 23	2,098 34	
Lake Tremblant....	465 33	963 15	1,428 48	
Magdalen Island....	85 91	2,417 89	2,503 80	
Magog.....	1,099 96	1,361 88	2,461 84	
Port Daniel.....	201 50	1,199 80	1,401 30	
St. Alexis.....	470 80	1,134 47	1,605 27	
Tadousac.....	1,075 76	2,314 95	3,390 71	
<i>Ontario.</i>				17,152 03
Collingwood.....	691 66	13,235 18	13,926 84	
Newcastle.....	1,256 96	2,533 97	3,790 93	
Ottawa.....	1,930 76	151 88	2,082 64	
Port Arthur.....	1,582 23	6,621 45	8,203 68	
Quinté Pond.....		433 25	433 25	
Sandwich.....	1,816 61	15,869 18	17,730 79	
Sarnia.....	1,399 08	4,323 93	5,723 01	
Southampton.....	1,124 15	3,824 45	4,948 60	
Warton.....	1,145 33	3,595 19	4,740 52	
<i>Manitoba.</i>				61,580 26
Berens River.....	354 15	1,644 05	1,998 20	
Big Island Gull Harbour.....		22,557 57	22,557 57	
Little Saskatchewan.....		1,780 50	1,780 50	
Selkirk.....	1,533 30	3,141 65	4,674 95	
Winnipegosis.....	949 94	8,839 95	9,789 89	
				40,801 11

FISH BREEDING, 1912-13—Concluded.

Hatcheries.	Salaries.	Maintenance	Total Expenditure of Hatchery.	Total Expenditure of Provinces
	\$ cts.	\$ cts.	\$ cts.	\$ cts.
<i>British Columbia.</i>				
Anderson Lake.....	1,000 00	4,453 41	5,453 41	
Babine.....	1,000 00	6,364 00	7,364 00	
Cowichan.....	1,000 00	2,789 37	3,789 37	
Fraser River.....	382 50	2,452 36	2,834 86	
Granite Creek.....	1,100 00	3,017 85	4,117 85	
Harrison Lake.....	1,200 00	7,580 87	8,780 87	
Kennedy Lake.. ..	1,000 00	4,378 74	5,378 74	
Pemberton.....	1,000 00	7,276 36	8,276 36	
Rivers Inlet.....	1,100 00	6,121 52	7,221 52	
Skeena River.....	1,000 00	7,121 81	8,121 81	
Stuart Lake.....	1,000 00	6,380 58	7,380 58	
				68,719 37
General account.....	1,418 34	7,782 22	9,200 56	
Outstanding advances.....				280,237 90
				3,555 53
Total expenditure.....				283,793 43

FISHERIES REVENUE FOR FISCAL YEAR ENDED MARCH 31, 1913.

Provinces.	Amount Collected.	Refunded.	Net Amount.
	\$ cts.	\$ cts.	\$ cts.
Ontario.....	605 14	56 40	548 74
Quebec.....	8,095 79		8,095 79
New Brunswick.....	15,192 52		15,192 52
Nova Scotia.....	6,735 00	5 00	6,730 00
Prince Edward Island.....	2,927 96		2,927 96
Manitoba.....	6,039 00		6,039 00
Saskatchewan and Alberta.....	4,270 50	2 00	4,268 50
British Columbia.....	48,854 50	30 00	48,824 50
Yukon Territory.....	344 00	2 00	342 00
Total.....	93,064 41	95 40	92,969 01
Modus Vivendi license.....	13,573 50	73 50	13,500 00
Grand total.....			106,469 01

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FISHERIES PATROL SERVICE, 1912-1913.

Name of Vessels.	Pay lists.	Fuel.	Provisions	Repairs.		Supplies		Charter.	Clothing.	Sundry.	Totals.
				Hull.	Engine.	Engine.	Deck.				
'Alcedo'	\$ cts. 4,373 30	\$ cts. 670 00	\$ cts. 1,591 30	\$ cts. 340 19	\$ cts. 289 30	\$ cts. 202 60	\$ cts. 334 16	\$ cts.	\$ cts. 10 05	\$ cts. 1,892 80	\$ cts. 9,703 78
'Berthwhite'	180 65	142 04	11 60	154 00	232 72	.....	253 42	.....	65 53	325 49	* 2,585 34
'Davies'	1,400 54	3 50	12 35	4 00	16 95	52 10	36 60	.....	.....	269 24	1,159 74
'Elk'	765 00	1,139 82	.....	.....	.....	.....	249 20	.....	.....	.....	1,389 02
'Falcon'	1,572 87	178 50	481 60	.....	.....	19 28	16 20	.....	.....	121 95	2,390 40
'Georgia'	1,042 50	.....	.....	.....	.....	146 30	66 65	.....	.....	26 25	1,361 75
'Hawk'	1,814 68	185 13	.....	127 00	1,412 64	417 94	219 13	.....	.....	675 49	* 4,852 01
'Hudson'	807 17	.....	.....	.....	35 00	758 75	78 09	.....	.....	379 23	2,058 24
'Kayex'	340 00	.....	.....	.....	.....	81 23	74 08	.....	.....	.....	495 31
'Kingfisher'	4,958 30	1,890 50	1,521 85	1,081 68	383 34	96 06	1,145 74	.....	.....	1,221 15	12,298 62
'Lady of the Lake'	510 00	.....	.....	.....	.....	256 28	6 25	.....	.....	.....	772 83
'Linnet'	486 45	41 50	5 93	.....	.....	248 94	7 00	9 10	.....	6 80	1,706 62
'Luxoe'	671 77	12 70	.....	.....	.....	267 33	23 19	.....	.....	.....	974 99
'Merlin'	1,756 53	263 28	.....	.....	.....	33 34	13 70	.....	.....	395 18	2,462 03
'J. L. Nelson'	.....	.....	.....	.....	.....	.....	.....	.....	.....	45 00	45 00
'Pioneer'	846 66	.....	.....	30 00	.....	.....	.....	.....	.....	495 75	1,372 41
Patrol Boat A	574 83	.....	.....	.....	.....	.....	.....	.....	.....	978 19	1,565 67
" B	.....	.....	.....	.....	.....	.....	.....	.....	.....	52 31	52 31
" C	.....	.....	.....	.....	.....	.....	.....	.....	.....	242 20	* 2,314 56
No. 1	1,507 08	121 61	.....	131 56	177 50	2 80	131 81	.....	.....	344 52	2,076 35
" 2	683 99	274 33	316 50	10 50	223 00	61 37	81 74	.....	80 40	.....	60 56
" 4	.....	.....	.....	.....	60 56	.....	.....	.....	.....	.....	22,588 97
'Princess'	9,111 82	4,657 84	4,097 68	482 63	154 25	551 42	1,345 62	.....	.....	2,187 71	633 55
'Restless'	.....	633 55	.....	.....	.....	.....	.....	.....	.....	.....	223 67
'Richmond'	.....	.....	.....	75	2 50	81 62	102 75	.....	.....	36 05	1,792 80
'Semiahms'	936 37	.....	.....	30 85	47 00	287 36	176 67	.....	.....	314 55	1,963 56
'Swan'	1,181 69	3 50	.....	93 40	8 40	13 15	156 74	.....	.....	506 68	* 3,117 84
'Tanner'	2,186 64	144 32	63 50	3 00	.....	43 63	236 57	6 50	13 00	420 68	6,149 90
General Account	583 00	.....	24 80	.....	.....	561 19	.....	.....	.....	4,980 91	.....
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	88,348 18

* Less Expenditure of vessels while in Fish Breeding Service,

'Davies'	\$ 594 00
'Hudson'	299 00
'Patrol' No. 1	227 00
'Tanner'	385 00
	\$ 1,505 00

Total expenditure.....\$ 86,843 18

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Fisheries Department, July 1, 1891, to March 31, 1913.

1895-96.		1896-97.		1897-98.		1898-99.		Number
Expenditure	Revenue.	Expenditure	Revenue.	Expenditure	Revenue.	Expenditure	Revenue.	
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	
		2,198 47		2,389 66		2,632 12		1
24,917 48	35,681 68	21,592 40	32,814 66	19,239 34	30,574 57	11,784 22	5,830 85	2
11,870 43	8,160 98	12,910 80	7,876 12	11,140 16	7,571 15	11,350 27	6,297 71	3
20,526 56	10,696 88	21,671 92	10,110 77	17,063 58	5,317 08	22,922 50	10,430 08	4
23,049 41	6,180 93	23,682 33	5,239 55	21,683 91	11,511 85	25,348 11	6,668 22	5
3,555 87	2,161 85	3,744 36	2,032 25	6,775 78	2,707 57	6,832 85	2,242 24	6
6,915 20	2,256 69	1,908 14	1,719 00	1,266 26	1,515 00	1,883 37	1,537 85	7
		2,181 58	344 13	2,324 66	393 87	4,065 68	150 50	8
								9
6,226 77	26,410 75	8,841 64	39,888 82	8,508 79	47,864 75	8,459 47	45,801 75	10
								11
								12
38,050 41		27,330 73		28,002 32		34,522 57		13
102,021 72		99,357 01		101,807 96		105,133 27		14
20,203 25		62,777 30		59,919 56		23,207 73		15
257,237 10	91,549 76	289,197 01	100,025 30	280,061 98	107,455 84	427,599 16	75,949 20	
163,567 99		154,389 77		157,504 00		159,459 00		
1902-03.		1903-04.		1904-05.		1905-06.		
402 97		1,362 11		1,314 75		3,135 91		16
4,650 53	1,818 83	4,500 43	2,578 48	4,294 60	1,471 51	4,857 23	458 00	17
6,785 86	4,379 15	7,619 67	4,670 64	6,769 16	4,648 86	8,200 02	6,185 63	18
27,132 84	11,188 02	27,664 34	10,593 20	25,253 16	11,887 19	36,445 88	11,541 20	19
39,118 79	3,962 45	30,003 01	3,685 75	32,619 85	6,448 88	45,241 50	4,470 45	20
7,081 60	2,007 35	7,320 96	1,983 42	6,879 05	2,046 50	9,455 80	3,013 85	21
3,129 70	1,784 00	2,789 74	4,002 70	2,800 64	4,875 70	4,638 51	3,527 05	22
7,076 26	1,350 50	7,317 49	922 50	7,003 55	1,151 50	12,718 15	1,151 10	23
						31,964 83	48,737 55	24
						1,226 30	274 00	25
							360 00	26
17,808 45	43,015 02	15,133 65	56,904 34	16,631 37	47,436 00			
1,522 00	320 00	1,400 00	240 00	1,400 00	340 00	235,660 26		27
			10 00		10 00	225,279 96		28
77,330 86		109,286 07		149,419 24		181,267 38	395 15	29
145,137 49		204,654 66		462,082 12				30
30,903 27	8,925 40	56,828 18	10,165 50	105,892 97	10,472 00	956,196 23		31
						156,114 50		
368,091 12	78,635 82	475,880 31	95,756 53	822,360 46	90,988 14			
159,853 50		158,943 70		157,228 24		1,112,310 73	86,113 98	
1909-10.		1910-11.		1911-12.		1912-13.		
3,910 03		4,540 84		9,392 19		11,563 48		32
4,836 86	1,620 75	7,125 37	280 25	20,255 96	658 45	4,332 25	548 74	33
7,886 85	4,947 46	7,695 49	5,336 61	10,558 70	6,044 75	9,784 38	8,095 79	34
41,188 19	13,044 88	41,593 46	12,996 84	42,708 01	13,902 15	45,136 31	15,152 52	35
46,590 66	3,821 81	45,800 42	7,749 60	49,540 37	5,912 65	45,828 11	6,730 00	36
9,396 08	2,359 93	9,415 09	2,499 63	9,116 56	2,477 50	8,890 15	2,927 96	37
5,223 82	3,962 88	7,163 36	8,137 75	7,152 24	6,334 00	6,862 15	6,039 00	38
7,938 22	703 00	7,867 27	698 50	8,537 07	709 00	17,413 00	4,268 50	39
6,474 57	1,209 44	7,597 87	1,246 00	8,587 31	1,304 75			40
								41
37,509 61	41,864 80	40,314 16	45,846 70	37,028 05	44,898 51	45,826 40	48,824 50	42
2,316 63	457 00	1,964 95	907 50	2,094 75	203 25	1,909 83	342 00	43
	501 83		100 00					44
180,345 65		220,727 66		235,699 52		283,793 43		45
295,443 47				92,666 65		86,843 18		46
345,249 58	10,876 78	199,762 00	15,076 50	150,519 90	13,785 00	193,774 07	13,500 00	47
994,355 22		601,567 94		683,857 28		761,956 74		
155,221 85		159,166 75		159,999 70		159,996 40		
1,149,577 07	85,070 56	760,734 69	100,875 88	843,856 98	96,230 01	921,953 14	106,469 01	

diture, from the year 1911-12, is for the Fisheries Patrol Service.

APPENDIX No. 2.**FISHING BOUNTIES.**

The payments made for this service are under the authority of the Revised Statutes, 1906, chap. 46, intituled: 'An Act to encourage the development of the Sea Fisheries, and the building of fishing vessels,' which provides for the payment of the sum of \$160,000 annually, under regulations to be made from time to time by the Governor General in Council.

REGULATIONS.

The regulations governing the payment of fishing bounties were established by the following Orders in Council:—

AT THE GOVERNMENT HOUSE AT OTTAWA,

TUESDAY, the 30th day of June, 1908.

PRESENT:

HIS EXCELLENCY THE GOVERNOR GENERAL IN COUNCIL.

Whereas, in view of the revision of the Statutes of Canada in 1906, it is necessary that the regulations governing the payment of fishing bounties which were adopted by order in council on the 10th December, 1887, be readopted under chapter 46 of the Revised Statutes of Canada, 1906, 'The Deep Sea Fisheries Act':

And whereas new conditions require certain changes in the existing regulations in order to establish a better interpretation of the bounty system.

Therefore, His Excellency the Governor General in Council is pleased to order that the regulations established by the order in council of the 10th December, 1897, under the provisions of the Bounty Act, 1891, 54-55 Victoria, chapter 42, shall be and the same are hereby rescinded and the following substituted therefor:—

1. Resident Canadian fishermen who have been engaged in deep-sea fishing in Canadian vessels or boats for fish other than shell-fish, salmon and shad, or fish taken in rivers or mouths of rivers, for at least three months, and have caught not less than 2,500 pounds of sea fish, shall be entitled to a bounty: provided always that no bounty shall be paid to men fishing in boats measuring less than 13 feet keel, and not more than 3 men (the owner included) will be allowed as claimants in boats under 20 feet.

2. No bounty shall be paid upon fish caught in trap-nets, pound-nets and weirs, nor upon the fish caught in gill-nets fished by persons who are pursuing other occupations than fishing, and who devote merely an hour or two daily to fishing these nets but are not, as fishermen, steadily engaged in fishing.

3. Only one claim will be allowed in each season, even though the claimant may have fished in two vessels, or in a vessel and a boat or in two boats.

4. The owners of boats measuring not less than 13 feet keel, whether propelled by oars, sails or other motive power, which have been engaged during a period of not less than three months in deep-sea fishing for fish other than shell-fish, salmon or shad, or fish taken in rivers, or mouths of rivers, shall be entitled to a bounty on each such boat.

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5. Canadian registered vessels owned and fitted out in Canada, of 10 tons and upwards (up to 80 tons), by whatever means propelled, contained within themselves, which have been exclusively engaged during a period of not less than three months in the catch of sea-fish other than shell-fish, salmon or shad, or fish taken in rivers, or mouth of rivers, shall be entitled to a bounty to be calculated on the registered tonnage which shall be paid to the owner or owners.

6. Owners or masters of vessels intending to fish and claim bounty on their vessels must, before proceeding on a fishing voyage, procure a license from the nearest collector of customs or fishery overseer, said license to be attached to the claim when sent in for payment.

7. The date when a vessel's fishing operations shall be considered as having begun shall be the day upon which she sails from port on her fishing voyage, after the license has been procured, and the date upon which her fishing season shall end shall be the day upon which she arrives in port from her last fishing voyage prior to the 1st December. The three months during which a vessel must have been engaged in fishing to be entitled to the bounty, shall not include such periods as she may have been lying in port, provided that not more than three days may be permitted for the sale, transfer or discharge of her cargo of fish and refitting.

8. Dates and localities of fishing must be stated in the claim, as well as the quantity and kinds of sea-fish caught,

9. Ages of men must be given. Boys under 14 years of age not eligible as claimants.

10. Claims must be sworn to as true and correct in all their particulars.

11. Claims must be filed on or before the 30th November in each year.

12. Officers authorized to receive claims will supply the requisite blanks free of charge, and after certifying the same will transmit them to the Department of Marine and Fisheries.

13. No claim in which an error has been made by the claimant or claimants shall be amended after it has been signed and sworn to as correct.

14. Any person or persons detected making returns that are false or fraudulent in any particular may be debarred from any further participation in the bounty, and be liable to be prosecuted according to the utmost rigour of the law.

15. The amount of the bounty to be paid to fishermen and owners of boats and vessels will be fixed from time to time by the Governor in Council.

16. All vessels fishing under bounty license, are required to carry a distinguishing flag, which must be shown at all times during the fishing voyage at the main top-mast head. The flag must be four feet square in equal parts of red and white, joined diagonally from corner to corner. Any case of neglect to carry out this regulation reported to the Department of Marine and Fisheries will entail the loss of the bounty, unless satisfactory reasons are given for its non-compliance.

RODOLPHE BOUDREAU,

Clerk of the Privy Council.

AT THE GOVERNMENT HOUSE AT OTTAWA,

WEDNESDAY, the 22nd day of February, 1911.

PRESENT:

HIS EXCELLENCY THE GOVERNOR GENERAL IN COUNCIL.

His Excellency in Council, in virtue of the provisions of section 7 of chapter 46 of the Revised Statutes of Canada,—An Act to encourage the development of the Sea Fisheries and the building of Fishing Vessels,—is pleased to order and it is hereby

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ordered that section 5 of the regulations governing the payment of claims for Fishing Bounty be rescinded and the following substituted in lieu thereof:—

5. Canadian registered vessels, owned and fitted out in Canada, of ten tons and upwards (up to eighty tons), by whatever means propelled, contained within themselves, which have been exclusively engaged during a period of not less than three months in the catching of sea-fish, other than shell-fish, salmon or shad, or fish taken in rivers, or mouths of rivers, shall be entitled to a bounty to be calculated on the registered tonnage, which shall be paid to the owner or owners: Provided that vessels known as 'Steam Trawlers,' operating 'Beam,' 'Otter,' or other such trawls, shall not be eligible for any such bounty.

RODOLPHE BOUDREAU,

Clerk of the Privy Council.

The bounty for the year 1912 was distributed on the basis authorized by the following order in council, approved by his Royal Highness the Governor General on the 25th January, 1913.

His Royal Highness the Governor General in Council is pleased to order, and it is hereby ordered that the sum of one hundred and sixty thousand dollars, payable under the provisions of chapter 46 of the Revised Statutes of Canada, 1906, intituled: 'An Act to encourage the development of the Sea Fisheries and the building of fishing vessels,' be distributed for the year 1912-1913 upon the following basis:—

Vessels: The owners of the vessels entitled to receive bounty, shall be paid one dollar (\$1) per registered ton, provided, however, that the payment to the owner of any one vessel shall not exceed the sum of eighty dollars (\$80), and all vessel fishermen entitled to receive bounty shall be paid the sum of six dollars and ninety cents (\$6.90) each.

Boats: Fishermen engaged in fishing in boats, who shall also have complied with the regulations entitling them to receive bounty, shall be paid the sum of three dollars and ninety-five cents (\$3.95) each, and the owners of fishing boats shall be paid one dollar (\$1) per boat.

RODOLPHE BOUDREAU,

Clerk of the Privy Council.

There were received during the year 1912, 12,971 claims, an increase of 92 over 1911, while the number paid was 12,964, being 349 more than in the previous year.

The amount of bounty paid to vessels and their crews was \$67,318.80, and to boats and boat fishermen \$92,677.60, making the total payments during the year of \$159,996.40.

Bounty was paid to 965 vessels, the same number as in 1911, the aggregate tonnage being 24,900 tons, an increase of 1,100 tons over 1911. The number of vessel fishermen to whom bounty was paid is 6,147, an increase of 35 over last year.

Bounty was also paid to 11,998 boats and 20,411 boat fishermen, an increase of 318 boats and 704 men as compared with 1911.

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DETAILED STATEMENT of Fishing Bounty Claims received and paid during the year 1912.

Provinces.	Counties.	Number of claims.			
		Received.	Rejected.	Held in abeyance.	Paid.
Nova Scotia.....	Annapolis.....	163			163
	Antigonish.....	155			155
	Cape Breton.....	444	2	1	445
	Cumberland.....	2			2
	Digby.....	430		1	429
	Guysborough.....	928	1	1	926
	Halifax.....	1,202			1,202
	Inverness.....	380			380
	Kings.....	55			55
	Lunenburg.....	824			824
	Pictou.....	77			77
	Queens.....	165			165
	Richmond.....	555	2		553
	Shelburne.....	704	3		701
	Victoria.....	323		1	322
	Yarmouth.....	310			310
	Totals.....	6,717	8	4	6,709
New Brunswick.....	Charlotte.....	452	2		450
	Gloucester.....	351	6	1	344
	Kent.....	36	1		35
	Northumberland.....	19	1	1	17
	Restigouche.....				
	St. John.....	46	2		44
	Totals.....	904	12	2	890
Prince Edward Island.....	Kings.....	521	6	7	584
	Prince.....	442		20	469
	Queens.....	89			89
	Totals..	1,052	6	27	1,142
Quebec..	Bonaventure.....	819	2	45	790
	Gaspé.....	2,841	5	90	2,789
	Rimouski.....	70			70
	Saguenay.....	569		1	574
	Totals.....	4,299	7	136	4,223
Grand totals.....		12,972	33	169	12,964

* Claims paid includes a number held over from previous year.

DETAILED STATEMENT of Fishing Bounties paid to Vessels and Boats during the year 1912.

Provinces.	Counties.	Number of Vessels.	Tonnage.	Average Tonnage.	Number of Men.	Amount Paid.	Number of Boats.	Number of Men.	Amount Paid.	Total Bounty Paid to Vessels and Boats in 1912.
						\$ cts.			\$ cts.	\$ cts.
Nova Scotia.....	Annapolis.....	9	323	35.89	69	799 85	154	255	1,161 25	1,961 10
	Antigonish.....	2	35	17.50	6	76 40	153	207	970 65	1,047 07
	Cape Breton	21	339	16.14	90	960 00	424	729	3,304 30	4,264 30
	Cumberland	1	20	20.00	4	47 60	1	2	8 90	56 50
	Digby.....	27	834	30.89	185	2,110 50	402	687	3,115 75	5,226 15
	Guysborough.....	54	822	15.22	246	2,519 40	871	1,353	6,215 35	8,734 75
	Halifax.....	90	1,855	20.61	455	4,994 50	1,112	1,549	7,230 55	12,225 05
	Hants.....									
	Inverness.....	38	532	14.00	181	1,780 90	342	607	2,739 65	4,520 55
	Kings.....	3	46	15.33	11	121 90	52	75	348 25	470 15
	Lunenburg.....	201	11,497	57.15	2,666	29,892 40	623	740	3,546 00	33,438 40
	Pictou.....						77	103	483 85	483 85
	Queens.....	16	228	14.25	50	573 00	149	232	1,144 40	1,717 40
	Richmond.....	35	848	24.23	175	2,055 50	518	809	3,951 70	6,007 20
New Brunswick.....	Shelburne.....	112	1,746	15.59	465	4,954 50	589	992	4,507 40	9,461 90
	Victoria.....	13	186	14.31	52	544 80	309	460	2,126 00	2,670 80
	Yarmouth.....	46	1,338	29.08	328	3,601 20	264	444	2,017 80	5,619 00
	Totals	668	20,649	30.91	4,983	55,032 45	6,040	9,324	42,871 80	97,904 15
	Charlotte.....	22	322	14.63	63	756 70	428	674	3,090 30	3,847 00
	Gloucester.....	204	2,712	13.29	860	8,647 25	140	326	1,427 70	10,074 95
	Kent	17	176	10.35	35	417 50	18	28	128 60	546 10
	Northumberland	12	126	10.50	29	324 10	5	9	40 55	364 65
	Restigouche.....									
Prince Edward Island	St. John.....								277 05	277 05
	Totals	255	3,336	13.08	987	10,145 55	635	1,096	4,964 20	15,109 75
	Kings.....	17	410	24.12	69	890 60	567	805	3,762 50	4,653 10
	Prince.....	7	100	14.28	26	279 40	462	1,136	4,969 60	5,249 00
	Queens.....	9	138	15.33	36	386 40	80	190	830 50	1,216 90
	Totals	33	648	19.60	131	1,556 40	1,109	2,131	9,562 60	11,119 00

GENERAL STATISTICS.

The fishing bounty was first paid in 1882.

The payments were made each year on the following basis:

1882, vessels \$2 per ton, one half to the owner and the other half to the crew; boats at the rate of \$5 per man, one-fifth to the owner and four-fifths to the men.

1883, vessels \$2 per ton, and boats \$2.50 per man, distributed as in 1882.

1884, vessels \$2 per ton as in 1882 and 1883.

Boats from 14 to 18 feet keel..	\$1 00
“ 18 to 25 “	1 50
“ 25 feet keel upwards..	2 00
Boat fishermen..	3 00

1885, 1886 and 1887, vessels \$2 per ton as in previous years. Boats measuring 13 feet keel having been admitted in 1885, the rates were:—Boats from 13 to 18 feet keel \$1; from 18 to 25 feet keel, \$1.50; from 25 feet keel upwards, \$2, and fishermen \$3 each.

1888, vessels \$1.50 per ton, one half each to owner and crew. Boats, the same as 1885, 1886 and 1887.

1889, 1890 and 1891, vessels \$1.50 per ton as in 1888. Boats \$1 each. Boat fishermen, \$3.

1892, vessels \$3 per ton, paid as formerly. Boats \$1 each. Boat fishermen \$3.

1893, vessels \$2.90 per ton, paid as formerly. Boats \$1 each. Boat fishermen \$3.

1894, vessels \$2.70 per ton, paid as formerly. Boats \$1 each. Boat fishermen \$3.

1895, vessels \$2.60 per ton, paid as formerly. Boats \$1 each. Boat fishermen \$3.

1896, vessels \$1 per ton, which was paid to the owners, and vessel fishermen \$5 each, clause No. 5 of the regulation having been amended accordingly. Boats \$1 each, and boat fishermen \$3.50 each.

	Vessels.	Men.	Boats.	Men.
1897..	\$1 00 per ton.	\$6 00 each.	\$1 00 each.	\$3 50 each.
1898..	1 00 “	6 50 “	1 00 “	3 50 “
1899..	1 00 “	7 00 “	1 00 “	3 50 “
1900..	1 00 “	6 50 “	1 00 “	3 50 “
1901..	1 00 “	7 00 “	1 00 “	3 50 “
1902..	1 00 “	7 25 “	1 00 “	3 80 “
1903..	1 00 “	7 30 “	1 00 “	3 90 “
1904..	1 00 “	7 15 “	1 00 “	3 75 “
1905..	1 00 “	7 10 “	1 00 “	3 65 “
1906..	1 00 “	7 10 “	1 00 “	3 75 “
1907..	1 00 “	7 40 “	1 00 “	4 00 “
1908..	1 00 “	7 25 “	1 00 “	3 90 “
1909..	1 00 “	7 50 “	1 00 “	4 25 “
1910..	1 00 “	7 60 “	1 00 “	4 30 “
1911..	1 00 “	7 15 “	1 00 “	4 10 “
1912..	1 00 “	6 90 “	1 00 “	3 95 “

Since 1882, 26,142 vessels, totalling a tonnage of 844,272 tons, have received the bounty. The total number of vessel fishermen who received bounty is 189,645, being an average of 7.6651 per vessel.

The total number of boats to which bounty was paid since 1882 is 410,378, and the number of fishermen 735,133. Average number of men per boat 1.24755.

The highest bounty paid per head to vessel fishermen was \$21.75 in 1893; the lowest 83 cents, while the highest to boat fishermen was \$4.30, the lowest \$2.

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COMPARATIVE STATEMENT by Provinces for the Year 1882 to 1912, inclusive, showing :
 (1) Total number of fishing Bounty Claims received and paid by the Department of Marine and Fisheries.

Year.	Nova Scotia.		New Brunswick.		P. E. Island.		Quebec.		Totals.	
	Received.	Paid.	Received.	Paid.	Received.	Paid.	Received.	Paid.	Received.	Paid.
1882...	6,730	6,613	1,257	1,142	1,169	1,100	3,162	3,117	12,318	11,972
1883...	7,171	7,076	1,693	1,579	1,138	1,106	3,602	3,325	13,604	13,086
1884...	7,007	6,930	1,252	1,224	923	885	3,470	3,429	12,652	12,468
1885...	7,646	7,599	1,609	1,588	1,117	1,025	3,943	3,912	14,315	14,124
1886...	7,639	*7,702	1,767	1,763	1,131	1,080	4,275	*4,355	14,812	14,900
1887...	8,262	8,227	1,975	1,958	1,201	1,126	4,138	4,105	15,576	15,416
1888...	8,481	8,429	2,065	2,026	1,153	834	4,328	4,310	16,027	15,599
1889...	8,816	8,523	2,428	2,392	1,211	*1,511	4,664	4,652	17,119	17,078
1890...	9,337	*9,429	2,522	2,469	1,352	1,257	4,860	4,804	18,071	17,959
1891...	10,242	10,063	2,831	2,084	1,482	1,446	5,108	4,913	19,663	18,506
1892...	8,272	8,186	1,067	1,001	1,065	1,051	4,425	4,204	14,829	14,442
1893...	7,926	7,844	967	881	1,027	1,012	4,059	3,898	13,979	13,635
1894...	8,640	8,600	925	911	983	963	3,948	3,876	14,496	14,350
1895...	8,835	8,825	979	975	1,009	*1,025	3,904	*3,955	14,727	14,780
1896...	8,597	8,562	1,137	1,064	1,111	*1,120	4,366	4,229	15,211	14,975
1897...	8,450	8,418	1,042	991	1,175	1,171	4,180	4,149	14,847	14,729
1898...	8,446	8,347	934	917	1,143	*1,145	4,156	4,092	14,679	14,501
1899...	7,894	7,754	849	825	1,016	947	4,134	4,102	13,893	13,628
1900...	7,484	7,452	904	904	1,119	*1,169	4,264	4,251	13,771	13,776
1901...	7,346	7,344	829	826	941	937	4,277	4,267	13,393	13,374
1902...	6,710	6,671	802	794	913	912	4,371	4,346	12,796	12,723
1903...	6,297	6,284	832	830	978	974	4,110	4,090	12,217	12,178
1904...	6,750	6,732	879	866	1,027	994	4,095	4,079	12,751	12,671
1905...	7,034	7,018	881	873	921	921	4,350	4,329	13,186	13,141
1906...	7,434	7,415	930	923	918	916	4,251	4,249	13,533	13,503
1907...	7,124	7,087	904	895	1,000	984	4,239	4,227	13,267	13,193
1908...	7,690	7,648	1,002	988	1,030	993	4,250	4,212	13,972	13,841
1909...	7,276	7,250	834	830	877	872	4,024	4,004	13,011	12,956
1910...	6,670	6,659	915	903	900	898	4,159	4,150	12,644	12,610
1911...	6,735	6,722	923	905	1,001	877	4,220	4,141	12,879	12,645
1912...	6,717	6,709	904	890	1,052	*1,142	4,299	4,223	12,972	12,964
Totals..	239,658	238,118	38,838	37,217	33,083	32,393	129,631	127,995	441,210	435,723

* Includes a number of claims held over from previous year.

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(2) NUMBER of vessels, tonnage and number of men who received Bounty in each year.

Year.	Nova Scotia.			New Brunswick.			P. E. Island.			Quebec.			Totals.		
	No. of Vessels.	Tonnage.	No. of Men.	No. of Vessels.	Tonnage.	No. of Men.	No. of Vessels.	Tonnage.	No. of Men.	No. of Vessels.	Tonnage.	No. of Men.	No. of Vessels.	Tonnage.	No. of Men.
1882....	588	22,841	5,343	120	2,171	531	15	389	74	63	2,210	538	786	27,611	6,486
1883....	700	29,788	6,238	126	2,102	496	16	450	66	62	2,236	443	904	34,576	7,243
1884....	700	29,828	6,327	139	2,289	560	16	582	92	56	1,965	382	911	34,664	7,361
1885....	629	27,709	5,897	128	2,120	496	19	597	113	55	1,791	317	831	32,217	6,823
1886....	562	25,375	5,022	145	2,628	520	32	1,071	215	52	1,730	320	791	30,804	6,077
1887....	566	24,520	4,900	154	2,889	563	38	1,677	338	54	1,883	334	812	30,969	6,135
1888....	589	26,008	5,450	150	2,545	544	37	1,245	249	51	1,842	388	827	31,640	6,631
1889....	597	27,123	5,684	153	2,590	565	35	1,274	239	48	1,729	330	833	32,716	6,818
1890....	540	23,955	4,935	133	2,129	447	32	1,002	203	34	1,182	220	739	28,268	5,805
1891....	527	22,780	4,618	124	2,051	411	27	778	155	27	924	168	705	26,533	5,352
1892....	507	22,279	4,611	108	1,683	343	30	983	139	23	803	159	668	25,748	5,252
1893....	536	23,195	4,780	210	2,922	634	27	910	151	32	952	179	805	27,979	5,744
1894....	602	24,735	5,077	238	3,189	721	21	594	114	38	1,066	178	899	29,584	6,090
1895....	603	25,018	5,184	238	3,107	764	27	769	129	39	1,262	173	907	30,156	6,250
1896....	553	23,415	4,607	250	3,337	800	23	656	114	36	1,143	144	862	28,551	5,665
1897....	507	21,323	4,829	239	3,079	816	20	490	109	24	833	116	790	25,725	5,870
1898....	505	20,868	4,840	239	3,155	859	24	561	125	16	524	77	784	25,108	5,901
1899....	519	22,538	5,323	238	3,131	885	15	373	76	17	497	78	789	26,539	6,362
1900....	525	22,474	5,352	234	2,969	890	29	737	153	14	459	76	802	26,639	6,471
1901....	508	21,469	5,158	242	3,229	872	23	541	115	13	366	69	786	25,605	6,214
1902 ...	505	21,248	5,126	249	3,293	972	28	630	135	13	350	51	795	25,521	6,284
1903....	546	21,992	5,173	259	3,454	971	36	765	169	10	290	48	851	26,501	6,361
1904....	552	21,285	5,040	257	3,429	981	30	594	126	15	382	73	854	25,690	6,220
1905....	620	21,240	5,238	264	3,600	1,035	28	587	125	10	259	56	922	25,686	6,454
1906....	644	20,008	4,891	273	3,753	1,066	32	732	147	8	139	33	957	24,632	6,137
1907 ...	612	17,041	4,178	265	3,720	1,010	41	916	178	9	154	34	927	21,831	5,400
1908....	616	17,804	4,364	269	3,672	1,034	34	643	140	6	87	25	925	22,206	5,563
1909....	591	16,180	3,919	247	3,344	935	30	572	113	6	99	26	874	20,195	4,993
1910...	588	17,567	4,294	249	3,321	976	31	612	117	8	178	37	876	21,678	5,424
1911....	664	19,555	4,931	266	3,528	1,025	27	540	115	8	177	41	965	23,800	6,112
1912...	668	20,649	4,983	255	3,336	987	33	648	131	9	267	46	965	24,900	6,147
Totals..	17,969	701,810	156,312	6,461	91,765	33,709	856	22,918	4,465	856	27,779	5,159	26,142	844,272	189,645

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(3) NUMBER of Boats and Boat Fishermen who received Bounty in each year.

Year.	Nova Scotia.		New Brunswick.		Prince Edward Island.		Quebec.		Totals.	
	No. of Boats.	No. of Men.	No. of Boats.	No. of Men.	No. of Boats.	No. of Men.	No. of Boats.	No. of Men.	No. of Boats.	No. of Men.
1882	6,043	12,130	1,024	2,530	1,087	3,070	3,071	5,716	11,225	23,446
1883.....	6,458	13,553	1,453	3,309	1,098	3,106	3,266	6,188	12,275	26,156
1884.	6,257	12,669	1,086	2,505	869	2,346	3,344	6,416	11,556	23,936
1885.....	6,970	13,396	1,460	3,254	1,006	2,606	3,857	7,485	13,293	26,741
1886.....	7,140	13,351	1,618	3,567	1,048	2,547	4,303	7,981	14,109	27,446
1887.....	7,662	13,997	1,804	3,994	1,088	2,711	4,051	7,550	14,605	28,252
1888.....	7,840	14,115	1,876	4,148	797	2,141	4,259	7,852	14,772	28,256
1889.....	7,926	14,118	2,237	5,032	1,475	3,568	4,602	8,807	16,240	31,525
1890.....	8,886	15,738	2,324	5,242	1,192	3,024	4,766	9,241	17,168	33,245
1891	9,525	16,552	1,928	4,126	1,383	3,427	4,865	9,402	17,701	33,507
1892.....	7,679	12,307	893	1,765	1,021	2,047	4,181	7,693	13,774	23,812
1893.....	7,308	11,748	671	1,314	985	1,962	3,866	7,245	12,830	22,269
1894.....	7,956	12,899	661	1,281	913	1,813	3,821	7,139	13,351	23,132
1895.....	8,222	13,106	737	1,434	998	2,141	3,916	7,877	13,873	24,558
1896.	8,008	12,454	814	1,553	1,095	2,126	4,189	7,688	14,106	23,821
1897.....	7,911	12,542	752	1,351	1,151	2,147	4,125	7,572	13,939	23,612
1898.....	7,872	12,438	678	1,237	1,121	2,199	4,076	7,627	13,747	23,501
1899.	7,235	11,305	587	1,027	932	1,710	4,085	7,696	12,839	21,738
1900.....	6,927	10,645	670	1,184	1,140	2,198	4,237	8,004	12,974	22,031
1901.....	6,836	10,464	584	1,001	914	1,735	4,254	8,017	12,588	21,217
1902.....	6,166	9,442	545	966	884	1,638	4,333	8,180	11,928	20,226
1903.....	5,738	8,775	571	964	938	1,722	4,080	7,688	11,327	19,149
1904.....	6,180	9,556	609	1,032	964	1,792	4,064	7,648	11,817	20,078
1905.....	6,398	9,822	609	1,047	893	1,630	4,319	8,002	12,219	20,501
1906.....	6,771	10,138	650	1,139	884	1,648	4,241	7,946	12,546	20,871
1907.....	6,475	9,739	630	1,158	943	1,750	4,218	7,873	12,266	20,520
1908.....	7,032	10,685	719	1,365	959	1,810	4,206	7,809	12,916	21,669
1909.....	6,659	10,163	583	1,069	842	1,583	3,998	7,314	12,082	20,129
1910.....	6,071	9,353	654	1,195	867	1,672	4,142	7,451	11,734	19,671
1911.....	6,058	9,403	639	1,048	850	1,574	4,133	7,682	11,680	19,707
1912.....	6,040	9,324	635	1,096	1,109	2,131	4,214	7,860	11,998	20,411
Totals	220,249	365,927	30,701	62,983	31,446	67,564	127,082	238,649	409,478	735,133

(4) TOTAL Number of Men who received Bounty in each year.

Year.	Nova Scotia.	New Brunswick.	P. E. Island.	Quebec.	Totals.
	No. of Men.	No. of Men.	No. of Men.	No. of Men.	
1882.....	17,473	3,061	3,144	6,254	29,932
1883.....	19,791	3,805	3,172	6,631	33,399
1884	18,996	3,065	2,438	6,798	31,297
1885.....	19,293	3,750	2,719	7,802	33,564
1886.....	18,373	4,087	2,762	8,301	33,523
1887.....	18,897	4,557	3,049	7,884	34,387
1888	19,565	4,692	2,390	8,240	34,887
1889	19,802	5,597	3,807	9,137	38,343
1890	20,673	5,689	3,227	9,461	39,050
1891	21,170	4,537	3,582	9,570	38,859
1892.....	16,918	2,108	2,186	7,852	29,064
1893.....	16,528	1,948	2,113	7,424	28,013
1894	17,976	2,062	1,927	7,317	29,222
1895	18,290	2,198	2,270	8,050	30,808
1896.....	17,061	2,353	2,240	7,832	29,486
1897.....	17,371	2,167	2,256	7,688	29,482
1898...	17,278	2,096	2,324	7,704	29,402
1899	16,628	1,912	1,786	7,774	28,100
1900	15,997	2,074	2,351	8,080	28,502
1901	15,622	1,873	1,850	8,086	27,431
1902	14,568	1,938	1,773	8,231	26,510
1903	13,948	1,935	1,891	7,736	25,510
1904.....	14,596	2,063	1,918	7,721	26,298
1905.....	15,060	2,082	1,755	8,058	26,955
1906	15,029	2,205	1,795	7,979	27,008
1907.....	13,917	2,168	1,928	7,907	25,920
1908.....	15,049	2,399	1,950	7,834	27,232
1909.....	14,082	2,004	1,696	7,340	25,122
1910	13,547	2,171	1,789	7,488	25,095
1911.....	14,334	2,073	1,689	7,723	25,819
1912.....	14,307	2,083	2,262	7,906	26,558
Totals.....	522,139	86,692	72,039	243,808	924,778

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(5) Total annual payments of fishing Bounty.

Year.	Nova Scotia.	New Brunswick.	P. E. Island.	Quebec.	Totals.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
1882.....	106,098 72	16,997 00	16,137 00	33,052 75	172,285 47
1883.....	89,432 50	12,395 20	8,577 14	19,940 01	130,344 85
1884.....	104,934 09	13,576 00	9,203 96	28,004 93	155,718 98
1885.....	103,999 73	15,908 25	10,166 65	31,464 76	161,539 39
1886	98,789 54	17,894 57	10,935 87	33,283 61	160,903 59
1887.....	99,622 03	19,699 65	12,528 51	31,907 73	163,757 92
1888	89,778 90	18,454 92	9,092 96	32,858 75	150,185 53
1889.....	90,142 51	21,026 79	13,994 53	33,362 71	158,526 54
1890	91,235 64	21,108 33	11,686 32	34,210 72	158,241 01
1891.....	92,377 42	17,235 96	12,771 30	34,507 17	156,891 85
1892.....	109,410 39	10,864 61	9,782 79	29,694 35	159,752 14
1893	108,060 67	12,524 09	9,328 62	28,320 72	158,234 10
1894	111,460 03	12,690 80	7,875 79	28,040 18	160,066 80
1895.....	110,765 27	12,919 32	9,285 13	30,598 27	163,567 99
1896.....	98,048 95	13,602 88	9,745 50	32,992 44	154,389 77
1897	102,083 50	13,454 50	9,809 00	32,157 00	157,504 00
1898	103,730 00	13,746 00	10,188 00	31,795 00	159,459 00
1899	106,598 50	13,514 50	7,822 00	32,065 00	160,000 00
1900.....	101,448 00	13,562 50	10,589 00	33,203 00	158,802 50
1901.....	101,024 50	13,420 50	8,335 50	33,161 50	155,942 00
1902.....	100,455 70	14,555 80	8,716 55	36,125 45	159,853 50
1903.....	99,714 15	14,872 75	9,652 50	34,704 30	158,943 70
1904.....	99,286 44	15,110 80	9,179 35	33,651 65	157,228 24
1905	100,664 35	15,379 50	8,317 20	34,185 60	158,546 65
1906	99,518 80	16,247 55	8,839 40	34,410 00	159,015 75
1907 ...	93,381 70	16,454 50	10,175 95	36,102 35	156,114 50
1908.....	98,156 20	17,203 75	9,708 90	34,931 05	159,999 90
1909	95,413 60	15,480 15	8,973 85	35,354 25	155,221 85
1910.....	96,468 20	16,531 05	9,557 80	36,609 70	159,166 75
1911.....	99,424 90	15,795 00	8,669 85	36,109 95	159,999 70
1912.....	97,904 25	15,109 75	11,119 00	35,863 40	159,996 40
Totals.....	3,009,429 18	477,336 97	310,765 92	1,012,668 30	4,900,200 37

List of Vessels which received Fishing Bounty for the Year 1912-13.

PROVINCE OF NOVA SCOTIA.

ANNAPOLIS COUNTY.

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew paid.	Amount of Bounty paid. \$ cts.
121818	Albert J. Lutz....	Digby.....	95	John D. Apt.....	Port Wade.....	23	238 70
94698	Carrie H.....	St. John.....	20	Norman McGrath....	".....	4	47 60
96759	Charley Troop....	".....	30	A. H. Gibson.....	Margaretsville ...	4	57 60
80831	Glide.....	Lunenburg.....	16	Handley Lewis.....	Port Lorne..	3	36 70
103184	*May Flower.....	Digby.....	26	Frank Clayton.....	Parker's Cove.....	7	75 05
126873	Myrtle L.....	".....	47	A. Longmire et al....	Hillsburn.....	13	136 70
94832	Venus.....	Weymouth.....	42	Jno. W. Snow.....	Port Wade. . .	3	62 70
77969	Wave Queen.....	St. Andrews ..	11	Thomas Milner.....	Parker's Cove.....	3	31 70
121812	Wilfred L. Snow..	Digby.	51	Herbert Johnson. ...	Port Wade. . .	7	99 30

* For 1911.

ANTIGONISH COUNTY.

103542	Emma Brow.....	Halifax.....	17	John Brow.....	Hbr. au Bouche...	3	37 70
111798	Marie C.....	Pt. Hawkesbury.	18	John Munroe.....	Aulds Cove.....	3	38 70

CAPE BRETON COUNTY.

112376	Agnes.....	Arichat.....	15	William Martell.....	Main-à-Dieu	5	35 70
103858	B. & B. Holland..	Halifax.....	26	John Stacey.....	Glace Bay.....	6	67 40
100372	Betty Jane.	Sydney.....	11	T. & W. Moulton & Co	North Sydney....	5	45 50
126561	Caberfeidgh....	".....	12	Alex. McDonald.....	Little Bras d'Or...	4	39 60
122188	Charles A. H.....	Arichat.....	10	Frank Walsh.....	North Sydney	3	30 70
74071	Condor.....	Halifax.....	22	T. & W. Moulton & Co	".....	5	56 50
116348	Florence M.	Arichat.....	16	Robert Fudge.....	".....	3	36 70
116883	Grayling.....	".....	25	T. & W. Moulton & Co	".....	5	59 50
90647	Hattie Emeline...	Yarmouth.....	11	".....	".....	4	38 60
116919	Madeline.....	Liverpool ..	16	George Perham.....	".....	6	57 40
126569	Madona May.....	Sydney.....	16	James Bonar.....	Glace Bay.....	3	36 70
116915	Maggie and Esther	Pictou.....	11	Clarence L. Miller...	".....	4	38 60
117144	Mary E. Faulkner.	Halifax.....	14	Angus Nicholson....	North Sydney	3	34 70
107999	Maud S.....	Canso.....	12	Jacob Rogers.....	".....	3	32 70
107375	Minnie B.....	Sydney.....	10	Malcolm Prince.....	Glace Bay.....	4	37 60
116282	Monica A. Thomas	Halifax.....	46	Freeman O'Neil.....	Louisburg	7	94 30
130352	Napenee.....	Arichat.....	10	Richard Williams....	Gabarus.....	5	44 50
111799	Rosie G.....	Pt. Hawkesbury	16	John Gallant.....	Little Lorraine...	5	50 50
111902	St. Thomas.....	Arichat.....	10	Henry Kelly.....	Lingan.....	4	37 60
112386	Shamrock.....	Sydney.....	11	Andrew B. Cann.....	North Sydney	3	31 70
122184	Two Brothers.....	Arichat.....	19	Patrick Campbell....	Main-à-Dieu.....	5	53 50

CUMBERLAND COUNTY.

116687	Myrtle Mac.....	Richibucto.	20	John D. McLeod	Tidnish	4	47 60
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List of Vessels which received Fishing Bounty, &c. —Nova Scotia—Continued.

DIGBY COUNTY.

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew paid.	Amount of Bounty paid. \$ cts.
107476	Addie B.	Digby.	13	St. Clair Cann.	Westport.	6	54 40
111528	Alart	"	11	Joseph Moulison.	Cape St. Mary's	2	24 80
116235	Alcyone	"	52	Howard Anderson.	Digby.	11	127 90
107807	America.	St. John.	16	Hanford Denton.	Westport.	5	50 50
112102	Ariadne.	"	48	D. C. Outhouse.	Tiverton.	12	130 80
107603	Augusta Evelyn.	"	31	Horace Thurber.	Freeport.	9	93 16
111897	Burque Brothers.	Weymouth	10	Fred Titus.	Mateghan.	2	23 80
122145	Cerita	Yarmouth.	10	Luke S. Deveau.	Salmon River.	1	16 90
116652	Champion	"	29	Chas. F. Titus.	Westport.	6	70 40
74331	Condor	"	10	Innocent Comeau	Concession.	3	30 70
116236	Cora May.	Digby.	64	Chas. E. Finigan.	Freeport.	16	174 40
103181	Curlew.	"	63	George Denton.	Westport.	8	118 20
126879	Dorothy G. Snow.	"	98	Jos E. Snow.	Digby.	5	114 50
126874	Dorothy M. Smart	"	94	Maritime Fish Co.	"	21	224 90
115446	Emerson Faye.	"	47	Edwin Hains.	Freeport.	13	136 70
107604	Emma D.	Weymouth	20	Frank S. Doucette.	Cape St. Mary's	4	47 60
121883	Fanny Rose	Yarmouth.	15	Frank J. Doucette.	"	4	42 60
122097	George L.	"	13	Peter L. LeBlanc.	Salmon River.	2	26 80
126880	Gyno.	Digby.	11	Edward Thomas.	Westport.	3	31 70
111838	Lavinia D.	"	21	James Doucette.	Mavillette.	7	69 30
121816	Loren B. Snow.	"	85	Jos. E. Snow.	Digby.	6	121 40
116237	Maple Leaf.	"	10	Albert R. Bailey.	Westport.	3	30 70
116232	Nettie M.	"	12	Wm. McDormand.	"	6	53 40
116660	Nora.	Yarmouth.	11	Philemon Doucette.	Mavillette.	4	38 60
111835	Roxana	Digby	11	Wm. W. Gower	Westport.	3	31 70
100609	Swan	"	56	Edwin Hains.	Freeport.	11	131 90
121659	Viola	Yarmouth.	10	Alexr. Frontain	Cape St. Mary's	3	30 70

GUYSBORO COUNTY.

121700	Agnes E.	Yarmouth.	10	Edmund Conway.	White Head.	5	44 50
122302	Albata.	Lunenburg.	20	F. H. Hawes.	Canso.	5	54 50
116344	Annie B. M.	Arichat.	18	Thomas Fanning.	"	5	52 50
122185	Beatrice	"	11	Geo. Hendsbee.	Half Isld Cove.	3	31 70
112016	Blanche.	Canso.	13	Mark Richard.	Charlos Cove.	5	47 50
112375	C. G. Munroe.	Arichat.	14	Vincent Richard.	"	5	48 50
117060	Dorothy Aleta.	Canso.	11	Daniel Pitts.	"	6	52 40
126112	Dorothy G.	Lunenburg.	17	Claude Rhynold.	Canso.	5	51 50
117054	Emma Jane.	Canso.	16	Jno. L. George	White Head.	8	71 20
122010	Ena T.	Lunenburg.	16	Robert L. Mosher.	Canso.	5	50 50
107993	Florence May.	Canso.	10	Jno. Kennedy Sr.	"	6	51 40
112373	Flying Cloud.	Arichat.	13	Simon Manett.	Larry's River.	2	26 80
117059	Fortuna.	Canso.	14	John Cousins.	Canso.	3	34 70
107996	Green Linnet.	"	12	Geo. Harnish.	Dover.	5	46 50
126297	H. C. R.	"	18	Harry Kavanagh.	Canso.	5	52 50
122430	Hattie Maud.	Halifax.	16	Jno. J. Berrigan.	"	5	50 50
126294	Horman Lee.	Canso.	17	Edward Kavanagh.	"	5	51 50
103470	Ida M. Burke.	Arichat.	16	Joseph Fougere.	Larry's River.	4	43 60
126292	Irbessa.	Canso.	17	Edward Hearn.	Canso.	5	51 50
112374	J. B. Saint.	Arichat.	18	Samuel Snow	White Head.	4	45 60
116747	Jessie W.	Halifax.	12	Jacob Manuel.	Canso.	5	46 50
111910	Lizzie J. Greenleaf	Arichat.	11	Jos. H. Richard.	Charlos Cove.	5	45 50
117097	Lizzie May.	"	12	Benj. L. Pelrine.	Larry's River	3	42 70
117100	Louisa Ellen.	"	11	Edgar Munroe.	White Head.	3	31 70
126291	Margt Katheleen.	Canso	16	Jno. Boudroit.	Dover.	5	50 50
111909	Margaret May.	Arichat.	12	Stephen C. Richard.	Charlos Cove.	5	46 50
112371	Mary A.	"	11	Jos. O. Peitzsch.	Phillips Hbr.	2	24 80
112379	Mary S.	"	18	Chas. Richard.	Dover	4	45 60

List of Vessels which received Fishing Bounty, &c.—Nova Scotia—Continued.

GUYSBORO COUNTY—Concluded.

Official Number.	Name of Vessel.	Port of Registry	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew paid	Amount of Bounty paid.	
							\$	cts.
126295	Mary W. Catherine	Canso	13	Wm. Pelrine	Port Felix	5	47	50
111475	Mary Matilda	Arichat	15	Fred F. Pelrine	Larry's River	4	42	60
107757	Mayflower	Charlottetown	17	Jas. R. Lumsden Jr.	Hazel Hill	3	37	70
100450	Minto	Canso	18	Henry Richard	Charlos Cove	8	73	20
126296	Murray R. Munroe	"	21	Thurlo Munroe	White Head	3	41	70
112024	Reta S.	"	13	Wm. Shrader	Canso	3	33	70
108000	St. Patrick	"	18	Geo. L. Avery	Larry's River	6	59	40
100255	Seaflee	Halifax	12	Edward Munroe	White Head	1	18	90
126472	Shuloh	"	22	Chas. A. Mosher	Canso	6	63	40
111413	Sigdrifa	Lunenburg	13	Melbourne Munroe	White Head	1	19	90
112023	Silver Bell	Canso	14	Simon J. Pelrine	Larry's River	4	41	60
116884	Silver Swan	Arichat	20	Chas. Richard	Charlos Cove	6	61	40
112025	Squanto	Halifax	13	Freeman Casey	White Head	3	33	70
122317	Stanley Hubley	Lunenburg	17	Jas. Lukeman	Hazel Hill	5	51	50
116885	T. Lilly	Arichat	10	Levi W. Ehler	Queensport	5	44	50
117055	Thelma	Canso	15	Geo. Ryan	Canso	3	35	70
116532	Togo	Lunenburg	14	Wm. Peitzsch	White Head	5	48	50
130353	True Darling	Arichat	18	Jno. Belfountain	Port Felix	5	52	50
107994	True Love	Canso	10	David Walsh	Canso	2	23	80
117057	Utowana	"	15	Simon W. Horn	Dover	5	49	50
130351	Vennie May	Arichat	17	Thos. L. Richard	Charlos Cove	3	37	70
116887	Wenona	"	10	Wesley Munroe	White Head	3	30	70
126293	Winnie May	Canso	10	Geo. C. Jamieson	Cole Harbour	3	30	70
130721	Winnifred Marr	Lunenburg	17	Martin Meagher	Canso	3	37	70
104200	Wren	Canso	44	Maritime Fish Corp'n	"	12	126	80
122000	Zoraya	Lunenburg	16	Louden Munroe	White Head	3	36	70

HALIFAX COUNTY.

94632	A. C. Greenwood	Shelburne	15	John Beaver	Spry Bay	3	35	70
130952	Adamantine	Lunenburg	10	Harris Levy	Hackett's Cove	3	30	70
126812	Adana C.	Halifax	17	William Hubley	Spry Bay	5	51	50
116526	Adelaide	Lunenburg	13	J. Francis Gray	Pennant	3	33	70
130578	Alice M. C.	"	12	Creighton Covey	Indian Harbour	3	32	70
130591	Aileen Gladys	Halifax	16	Geo. E. Siteman	Ship Hbr. West	3	36	70
130960	Alvin S.	Lunenburg	27	Dom. Fisheries, Ltd.	Halifax	...	27	70
122422	Annie G. W.	Halifax	17	Edward Markie	Sober Island	3	37	70
126380	Annie Hilton	"	10	John May, Sr., et al.	Owls Head	4	32	60
126131	Atheling	"	63	Arthur Webber	Jeddore	7	111	30
126106	Bonnie B.	Lunenburg	19	Richard Fleming	Ketch Harbour	6	60	40
130571	Brenda C.	"	11	Arthur Vaughan	Halifax	3	31	70
130574	C. L. Miller	"	10	Ainsley Zinck	West Dover	3	30	70
130924	Comet G.	"	11	Ainsley G. Allen	Indian Harbour	3	31	70
126033	D. C. Mullhall	Halifax	42	George Pelham	Herring Cove	15	145	50
130567	Denton S.	Lunenburg	11	Edward Corney	East Dover	4	38	60
111428	Duchess	Halifax	12	James Morash	West Dover	3	32	70
130585	Edith Adele	"	33	Frank B. Martin	Ketch Harbour	8	88	20
126911	Edna H.	"	17	William Brackett	Herring Cove	4	44	60
122424	Ella May	"	37	Arthur Boutilier	Halifax	13	145	70
130568	Ella M. Young	Lunenburg	12	Maynard Young	West Dover	3	32	70
90726	Ellen Maud	Halifax	16	Richard Drew	Terence Bay	7	64	30
111434	Ermynthrude	"	36	Fred J. Darrach	Herring Cove	13	125	70
117141	Etha May	"	11	Geo. Johnson	West Dover	4	38	60
130565	Ethel M. G.	Lunenburg	11	Arthur Johnson	Indian Harbour	3	31	70
126480	Eva M. D.	Halifax	39	Ed. V. Dempsey	Herring Cove	11	115	80
100247	Fairy Queen	"	11	Geo. H. Nickerson	Pennant	5	45	50
116290	Flora M. J.	"	78	Jas. Julien et al.	Grand Desert	17	195	30
100259	Florence G.	"	15	Caleb Gray	Sambro	3	35	70
130738	Frances Lenore	Lunenburg	12	Russel Garrison	Indian Harbour	4	39	60

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List of Vessels which received Fishing Bounty, &c.—Nova Scotia—*Continued.*HALIFAX COUNTY—*Concluded.*

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew paid.	Amount of Bounty paid. \$ cts.
130584	Gladys E. B.	Halifax	24	Walter Brown	Herring Cove	7	72 30
110432	Gladys Elena	"	16	Chas. W. Twohig	Pennant	4	43 60
126817	Gladys G. Hart	"	27	Jas. L. Hart	Sainbro	4	54 60
130945	Gladys Irena	Lunenburg	16	Carter Hamner	Terence Bay	4	43 60
116731	Grand Desert	Halifax	65	Martin Julien et al.	Grand Desert	18	189 20
112129	Hattie	Lunenburg	12	Raymond Beck	East Dover	4	39 60
126374	Hazel Levy	Halifax	14	Cyrus Levy	Owls Head	4	41 60
100544	Helen Maud	Digby	26	Howard Jennex	East Jeddore	8	81 20
116740	Hilda M. Horton	Halifax	29	James Westhaver	Sober Island	6	70 40
126373	Ideal	"	16	Chas. Schnare	Pennant	5	50 50
130577	Irene L.	"	11	Wm. C. Slaunwhite	Terence Bay	3	31 70
130564	James L.	Lunenburg	32	Herbert Little	"	7	80 30
121934	Jeannie & Annie	Halifax	16	Reuben Hutt	Owls Head	3	36 70
130735	Jennie P. S.	Lunenburg	34	Oswald Dauphinee	Boutilier's Cove	6	75 40
126825	Joseph Earle	"	29	A. Slaunwhite et al.	Terence Bay	6	70 40
126136	Kathleen W.	Halifax	22	Robt. J. Slaunwhite	"	8	77 20
111404	Kimberley	Lunenburg	92	Chas. C. McLean	Hubbards Cove	17	197 30
126101	Lantana	"	17	J. F. Rood	Halifax	6	58 40
126915	Lola B.	Halifax	10	Cornelius Boutilier	Spry Bay	3	30 70
131078	Lola R.	Lunenburg	13	James Reno	Herring Cove	4	40 60
117098	Lottie M. Beatrice	Arichat	17	M. J. Connors	East Dover	5	51 50
126132	Lottie V. M.	Halifax	10	Isaac Morash	West Dover	2	23 80
107605	Mabel M.	Weymouth	20	Herbert Martin	Sheet Harbour	1	26 90
130592	Margaret M. Gray	Halifax	23	Angus Gray	Pennant	5	57 50
130595	Marona	"	25	Andrew Parker et al.	Owls Head	1	31 90
112387	Mary A. Dunphy	Sydney	18	David McGrath	East Dover	7	66 30
85664	Mary E.	Halifax	14	I. S. Baker	West Dover	4	41 60
131071	Mary Maude	Lunenburg	10	Geo. Johnson	"	2	23 80
131064	Mattapex	"	12	Chas. Scott	Indian Harbour	3	32 70
130821	Mianus	"	15	Leander Hubley	"	3	35 70
116739	Minnie M. Dora	Halifax	14	Wyman Hilchey	Tangier	3	34 70
103539	Neva	"	11	Hiram Marryatt	Pennant	2	24 80
126135	Nina S.	"	19	J. Slaunwhite	Terence Bay	5	53 50
116500	Oreda	Lunenburg	16	Robt. Martin	Sheet Harbour	3	36 70
130583	Oswald	Halifax	20	Oswald Christian	Prospect	7	68 30
107317	Pearl	"	30	Lewis Murphy	East Ship Hbr.	5	64 50
130727	Pearl Beatrice H.	Lunenburg	32	Wm. Hubley	Indian Harbour	7	80 30
116745	Perseverance	Halifax	12	F. A. Boutilier	"	3	32 70
130563	Phoebe M.	Lunenburg	12	David Morash	East Dover	3	32 70
131076	Plymouth Rock	Lunenburg	24	Otis Scott	West Dover	5	58 50
122128	Reliance	Halifax	18	Chas. H. Thomas	Herring Cove	3	38 70
116749	Reliance	"	14	James Howard	Terence Bay	4	41 60
130561	Right Away	Lunenburg	21	J. F. Rood	Halifax	5	55 50
96806	Rising Sun	Halifax	28	Richard Christian	Prospect	4	55 60
126823	Rosie L.	Lunenburg	20	Geo. Little	Terence Bay	5	54 50
122307	Sadie H.	"	17	Chas. Beaver	Harrigan Cove	4	44 60
100218	Sarah M. W.	Halifax	14	Edward Wheatley	Terence Bay	6	55 40
130958	Shianne	Lunenburg	21	Lubin Duggan	East Dover	6	62 40
116750	Stella R.	Halifax	13	Albert Power	Mushaboon	3	33 70
130722	Tacoma	Lunenburg	11	A. J. Wambolt	Indian Harbour	1	17 90
130949	Titus McLeod	"	11	Jas. Berringer	West Dover	3	31 70
122429	Uncas	Halifax	11	Mark L. Nickerson	Sambro	5	45 50
117142	Valkyria	"	13	David Levy	Sober Island	5	47 50
130686	Vera May	Lunenburg	22	Frank Butcher	Halifax	5	56 50
126912	Viola G. Hartlin	Halifax	25	Peter Hartlin Sr.	East Jeddore	8	80 20
126917	Violet C.	"	14	Jas. H. Smith	Sambro	4	41 60
130566	Violet F.	Lunenburg	12	Wellsley Frederick	Indian Harbour	3	32 70
116283	Vixen	Halifax	15	Henry McKenzie	Gerrard's Island	4	42 60
126478	Willetta	"	15	Joseph Gray	Sambro	6	56 40
130600	Willie Roy	"	13	Andrew Sullivan	Herring Cove	1	19 90

List of Vessels which received Fishing Bounty, &c.—Nova Scotia—Continued.

INVERNESS COUNTY.

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No of Crew paid.	Amount of Bounty paid. \$ cts.
96778	Campania.....	Pt. Hawkesbury	11	Robin, Jones & Whit- man.....	Eastern Harbour..	4	38 60
103313	Catherine.....	" ..	10	" ..	" ..	4	37 60
126575	Cheticamp.....	" ..	10	L. T. Chiasson et al..	" ..	4	37 60
103325	Elizabeth Ann.....	" ..	11	David Bourgeois.....	Belle Marche.....	4	38 60
130781	Flora Matthews...	" ..	16	Anselm Cormier...	Point Cross.....	5	44 50
96774	Florence.....	" ..	11	Simon Bellefontaine..	Eastern Harbour..	4	38 60
122004	Florence B.	Lunenburg	46	Robin, Jones & Whit- man	" ..	7	94 30
103317	Flying Star .. .	Pt. Hawkesbury	11	Simon Bellefontaine..	" ..	6	52 40
126573	Great Dipper.....	" ..	10	David R. Doucett....	Grand Etang.....	5	44 50
126577	Gros Ours	" ..	14	Emilien LeBlanc....	" ..	5	48 50
126578	Hennepin.....	" ..	12	Jos. M. Cormier.....	" ..	5	46 50
130785	J. S. M.	" ..	16	John S. Muise. . .	Cape Rouge	5	50 50
130782	Karina II.....	" ..	21	Lubins. Chiasson.....	Little River	5	55 50
103316	Laura.....	" ..	10	Robin, Jones & Whit- man	Eastern Harbour..	5	44 50
126574	Laurent Aucoin...	" ..	10	Jno. L. Aucoin et al..	Point Cross.....	4	37 60
103315	Lillie.	" ..	12	Magloire Poirier.. .	Plateau	4	39 60
103330	Lucy.	" ..	11	Robin, Jones & Whit- man	Eastern Harbour..	4	38 60
96775	Louise.....	" ..	11	Simon Bellefontaine..	" ..	4	38 60
126576	M.C.G. Boudreau.	" ..	22	" ..	" ..	7	70 30
126104	M. Unity.	Lunenburg	26	Thomas Doucet.....	" ..	6	67 40
96779	Majestic.....	Pt. Hawkesbury	12	Robin, Jones & Whit- man	" ..	4	39 60
117056	Margaret.....	Canso	16	Matthews & Scott....	" ..	5	50 50
96771	Marie	Pt. Hawkesbury	10	Robin, Jones & Whit- man	" ..	4	37 60
96777	Marie Joseph.....	" ..	11	" ..	" ..	5	45 50
103314	Mary.....	" ..	10	Wm. R. Doucet.....	Grand Etang.....	5	44 50
111797	Mermaid	" ..	13	Thomas Harris.....	Plateau	4	40 60
103326	Mizpah.....	" ..	10	Thos. LeBrun.....	Grand Etang.....	5	44 50
126580	Paul V.....	" ..	14	Paul V. Boudrot....	Plateau	5	48 50
130786	St. Clements.. .	" ..	12	Robin, Jones & Whit man	Eastern Harbour..	4	39 60
111792	Saint Aubin	" ..	15	" ..	" ..	5	49 50
103329	Saint Helier.	" ..	12	" ..	" ..	4	39 60
100448	Surprise.....	Canso	15	Chas. D. Chiasson....	Margaree Harbour	6	56 40
111800	Tallahassee.....	Pt. Hawkesbury	12	Simon Bellefontaine..	Eastern Harbour..	4	39 60
96773	Virgin	" ..	10	Robin, Jones & Whit- man	" ..	4	37 60
111793	Walla Walla.....	" ..	11	" ..	" ..	4	38 60
126571	Warbler.....	" ..	10	" ..	" ..	5	44 50
96776	Willie B.....	" ..	21	Simon Bellefontaine..	" ..	5	55 50
130783	Zambuck.....	" ..	17	Severin Lefort	Plateau.....	5	51 50

KINGS COUNTY.

83261	Economist.....	Digby.....	14	Jesse Parker	Halls Harbour....	3	34 70
97150	Gleaner.....	St. Andrews	13	Edward Spicer	Harbourville.....	4	40 60
94756	Sarah E. Ells.....	St. John	19	Leonard Houghton...	Halls Harbour....	4	46 60

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List of Vessels which received Fishing Bounty, &c.—Nova Scotia —Continued..

LUNENBURG COUNTY.

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner	Residence.	Number of Crew paid.	Amount of Bounty paid. \$ cts.
130466	A. G. Eisnor	Lunenburg	96	J. Ernst & Son	Mahone Bay.....	15	183 50
130675	A. L. Conrad.....	"	11	Albert Conrad. . . .	Rose Bay.....	3	31 70
130947	Abacena.	"	88	Wm. C. Smith.....	Lunenburg.....	18	204 20
112126	Acadia.	"	91	Alex. Knickle.	"	18	204 20
130739	Ada M. Westhaver	"	100	E. Fenwick Zwicker..	"	19	211 10
111641	Aguadilla.....	"	100	William Arenburg....	"	21	224 90
112115	Aldine	"	99	Robt. Parks.....	La Have.....	18	204 20
130740	Albert A. Young..	"	92	Jacob Hiltz.....	Indian Point.....	17	197 30
112107	Alexandra.	"	93	Freeman Anderson...	Lunenburg.	18	204 20
130956	Alfarata.....	"	92	J. Ernst & Son.....	Mahone Bay.....	18	204 20
111647	Alhambra.....	"	90	William Gilfoy.....	Lunenburg.	14	176 60
130475	Alma M.	"	15	Henry Miller.....	"	3	35 70
112105	Alma Nelson.	"	99	J. E. Backman . . .	Riverport.....	18	204 20
130942	Amy B. Silver....	"	99	Kenneth Silver.....	Dayspring.....	24	245 60
116522	Anita.....	"	16	Wm. Cleversey	La Have	4	43 60
126585	Annie L. Spindler.	"	95	E. Fenwick Zwicker..	Lunenburg.	20	218 00
111737	Annie M. W.....	"	98	Egerton Ritcey. . .	Riverport... ..	17	197 30
130818	Araucania.....	"	92	J. M. Rhodenizer....	Lunenburg.	18	204 20
130465	Artisan	"	98	Wm. Arenburg. . . .	"	19	211 10
126587	Assurance.....	"	99	Wm. C. Smith.....	"	20	218 00
116498	Beatrice S. Mack..	"	99	"	"	17	197 30
126830	Benevolence.	"	99	"	"	20	218 00
130468	Benjamin C. Smith	"	100	"	"	20	218 00
131061	Bernice.....	"	10	James Langille.....	Big Tancook.....	3	30 70
130679	Bessie A. P. . . .	"	11	Manuel Publicover...	Blandford... . .	3	31 70
130726	Beulah W.....	"	11	Chas. Wilson.....	Big Tancook.....	3	31 70
111734	Blake.....	"	99	J. N. Rafuse.....	Conquerall Bank..	20	218 00
116855	Blanche.....	"	12	Jno. Spindler.....	Rose Bay.	4	39 60
131070	Blanche L. G.....	"	11	Henry Gates.....	Blandford.....	3	31 70
131080	Blanche S.....	"	10	Richard Schnare.	East River.. . .	3	30 70
126393	Burnett C.....	"	105	A. V. Conrad.....	Parks Creek.....	19	211 10
131066	C. W. Mason.....	"	11	Chas. Mason.....	Eastern Points....	2	24 80
111732	Calavera.....	"	90	Henry Moser.....	Lunenburg.	15	183 50
112128	Campania.....	"	90	Thos. Romkev.	Riverport.....	18	204 20
130953	Cantow.....	"	13	Elias Publicover.	Blandford.....	2	26 80
126119	Carrie L. Hirtle...	"	99	Wm. C. Smith. . . .	Lunenburg.....	19	211 10
121999	Cavalier.....	"	13	Kenneth Cleveland. .	Blandford.....	3	33 70
126586	Cecil L. Beck.....	"	93	Wm. C. Smith.....	Lunenburg.	20	218 00
130944	Cento.....	"	90	Dean Fralick.....	Pleasantville.....	18	204 20
122315	Clintonia.....	"	96	Wm. C. Smith.....	Lunenburg.....	20	218 00
111702	Colonia.....	"	98	E. Fenwick Zwicker..	"	17	197 30
111743	Corean.....	"	70	J. N. Rafuse.....	Conquerall Bank..	18	194 20
111736	Coronation.	"	98	H. W. Adams.....	Lunenburg.....	18	204 20
111637	Cyril.....	"	100	W. N. Reinhardt....	La Have.....	20	218 00
130823	Dagon	"	12	Ernest Covey.....	Big Tancook.....	3	32 70
130731	Daisy Z.....	"	11	Solomon Zink.	Blandford.. . . .	2	24 80
126824	Dan Patch.	"	12	Robert Levy.....	Lunenburg.	4	39 60
111711	Defender.....	"	98	Alex. Knickle.....	"	18	204 20
130948	Deliah H.....	"	11	Joseph Hirtle.....	Big Tancook.. . .	3	31 70
131069	De Witt.....	"	11	Francis Mason.....	Eastern Points....	2	24 80
130562	Donald L. Silver..	"	94	Wm. Arenburg.....	Lunenburg.....	20	218 00
130729	Dora C.....	"	12	Hugh Cleveland.....	Blandford.....	2	25 80
130463	Doris V. Myra....	"	99	Clarence Myra.....	Riverport.....	19	211 10
116540	Douglas Adams...	"	99	H. W. Adams,	Lunenburg.....	18	204 20
116506	E. M. Zellars.....	"	84	Fraser Gray.....	La Have.....	14	176 60
122009	Earl Grey.....	"	96	E. Fenwick Zwicker..	Lunenburg.	18	204 20
111730	Earl V. S.	"	100	John B. Young.....	"	19	211 10
126391	Edith Marguerite.	"	95	Freeman Himmelman	Riverport.....	19	211 10
121866	Eldora.....	"	79	C. Iverson	Lunenburg.. . . .	13	168 70
112099	Electro.....	"	88	W. N. Reinhardt... .	La Have.....	19	211 10
83308	Ella.....	Liverpool.....	10	Jennis C. Hanson . . .	Mahone Bay.....	1	16 90

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LIST of Vessels which received Fishing Bounty, &c.—Nova Scotia—*Continued.*LUNENBURG COUNTY—*Continued.*

Official Number.	Name of Vessel.	Port of Registry	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew paid	Amount of Bounty paid. \$ cts.
121994	Ella Mason.....	Lunenburg.....	74	Jeffrey Publicover..	La Have.....	17	191 30
130690	Elsie C.....	".....	10	Wm. Cross.....	Big Tancook....	3	30 70
130827	Elsie L. Corkum..	".....	97	Harold Corkum...	E. M. La Have..	21	224 90
122318	Elsie M. Walters..	".....	97	W. N. Reinhardt...	La Have.....	15	183 50
130819	Elsie Porter.....	".....	100	".....	".....	19	211 10
131079	Elsie S.....	".....	10	Robert Schnare....	Blandford.....	2	23 80
126116	Elva Blanche.....	".....	79	J. Ernst & Son.....	Mahone Bay....	17	196 30
131073	Estey.....	".....	10	Nathan Silver.....	Lunenburg.....	3	30 70
112087	Ethel.....	".....	99	W. N. Reinhardt...	La Have.....	17	197 30
130687	Eva E. L.....	".....	11	Leslie Awalt.....	Bayswater.....	3	31 70
116518	Eva June.....	".....	93	Wm. C. Smith.....	Lunenburg.....	18	204 20
126814	Evelyn V. Miller..	".....	99	H. W. Adams.....	".....	20	218 00
130728	F. M. Toro.....	".....	100	E. Fenwick Zwicker..	".....	20	218 00
122304	Fale m.....	".....	85	Edmen Walters.....	Parks Creek....	18	204 20
130734	Falka.....	".....	100	E. Fenwick Zwicker..	Lunenburg.....	17	197 30
130830	Florence E. Getson	".....	99	W. N. Reinhardt...	La Have.....	17	197 30
107350	Forrester.....	".....	23	J. W. McLachlan....	Lunenburg.....	5	57 50
130575	Forman F.....	".....	14	Obediah Fleet.....	Blandford.....	2	27 80
126581	Frank H. Adams..	".....	93	Freeman Anderson..	Lunenburg.....	20	218 00
130825	Frank J. Brinton..	".....	92	William Gillfoyl....	".....	19	211 10
116525	Gatherer.....	".....	15	W. H. Publicover....	Blandford.....	3	35 70
130464	Gigantic.....	".....	99	A. V. Conrad.....	Parks Creek....	19	211 10
130812	Gladys & Lilian...	".....	84	H. W. Adams.....	Lunenburg.....	17	197 30
121851	Gladys B. Smith..	".....	100	Wm. C. Smith.....	".....	20	218 00
122316	Goldie Belle.....	".....	79	J. Ernst & Son.....	Mahone Bay....	11	154 90
122003	Grace Darling.....	".....	64	Augustus Lantz.....	".....	7	112 30
116527	Guide.....	".....	73	Norman Reinhardt...	La Have.....	16	183 40
131068	H. Mason.....	".....	10	Casper Mason.....	Eastern Points..	2	23 80
130678	Harper.....	".....	10	Harris Publicover....	Blandford.....	2	23 80
130461	Harry W. Adams..	".....	99	H. W. Adams.....	Lunenburg.....	19	211 10
126392	Hawanee.....	".....	99	Wm. C. Smith.....	".....	20	218 00
126102	Hazel L. Ritcey...	".....	92	Lemuel Ritcey.....	Riverport.....	17	197 30
122005	Hy. L. Montague..	".....	96	Wm. C. Smith.....	Lunenburg.....	21	224 90
121857	Hiawatha.....	".....	99	".....	".....	17	197 30
121993	Hilda M. Backman	".....	81	Willett Conrad.....	Rose Bay.....	15	183 50
130684	Hollo.....	".....	11	Ozem Hubley.....	Bayswater.....	4	38 60
131072	Howker.....	".....	12	Ainslie Gates.....	Blandford.....	3	32 70
131077	Hosie.....	".....	10	Steadman Wilnoff...	Big Tancook....	3	30 70
130675	Hughie V. L.....	".....	11	Rogers Levy.....	Little Tancook...	2	24 80
130450	Hurrah.....	".....	13	Otis Stevens.....	Big Tancook....	5	47 50
112089	Iona W.....	".....	78	J. Ernst & Son.....	Mahone Bay....	13	167 70
126813	Itaska.....	".....	100	E. Fenwick Zwicker..	Lunenburg.....	20	218 00
107116	Ivy.....	".....	12	John Backman.....	".....	2	25 80
126584	J. B. Young.....	".....	100	John B. Young.....	".....	21	224 90
130943	J. D. Hazen.....	".....	99	Wm. C. Smith.....	".....	21	224 90
130467	Jennie E. Duff....	".....	99	H. Himmelman.....	Rose Bay.....	20	218 00
126822	Jennie E. Ritcey..	".....	97	Wm. C. Smith.....	Lunenburg.....	20	218 00
111726	Juanita.....	".....	100	".....	".....	20	218 00
126819	Laura M. Levy....	".....	11	Maynard Levy.....	".....	3	31 70
130473	Lavina B.....	".....	11	Maynard Boutillier..	Mill Cove.....	4	38 60
130959	Leta J. Schwartz..	".....	95	E. Fenwick Zwicker..	Lunenburg.....	21	224 90
130462	Lewis H. Smith...	".....	98	Wm. C. Smith.....	".....	19	211 10
130815	Lillian B. Corkum	".....	97	E. Fenwick Zwicker..	".....	19	211 10
120811	Lillian M. Richard	".....	98	Elias Richard Jr....	La Have.....	22	231 80
126821	Lloyd George.....	".....	99	David Ritcey.....	Riverport.....	19	211 10
131065	Lois M. C.....	".....	12	Alvin Cross.....	Big Tancook....	4	39 60
130570	Lottie B. L.....	".....	11	Albert Levy.....	Little Tancook...	3	31 70
130688	Lottie M. Blanche.	".....	12	David Moland.....	East Chester....	3	32 70
130820	Lottie A. Silver..	".....	96	Russell Silver.....	Lunenburg.....	19	211 10
130730	Lowell F. Parks..	".....	99	Robert Parks.....	La Have.....	17	197 30
111735	Lucania.....	".....	99	John Creaser.....	Riverport.....	17	197 30

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List of Vessels which received Fishing Bounty, &c.—Nova Scotia —Continued.

LUNENBURG COUNTY —Continued.

Official number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew paid.	Amount of Bounty paid. \$ cts.
130814	Lucille B. Creaser	Lunenburg	99	Arthur Creaser	Riverport	19	211 10
131074	Lunenburg	"	10	George Baker	Cross Island	3	30 70
130732	M. M. Gardner	"	100	Wm. C. Smith	Lunenburg	20	218 00
130477	Madge A. P.	"	10	Chauncey Publicover	Blandford	3	30 70
112112	Maimie Dell	"	98	C. U. Mader	Mahone Bay	17	197 30
116523	Mankato	"	76	Edmen Walters	Parks Creek	17	193 30
121862	Marina	"	78	A. V. Conrad	"	18	202 20
111709	Mariner	"	100	E. Fenwick Zwicker	Lunenburg	17	197 30
130829	Marion A. Silver	"	99	Robert Silver	Riverport	19	211 10
130816	Marion Adams	"	99	H. W. Adams	Lunenburg	19	211 10
126820	Marion Mosher	"	93	J. M. Rhodenizer	"	21	224 90
126829	Mark Twain	"	12	William Wight Sr.	Eastern Points	3	32 70
130941	Mary & Mildred	"	100	C. Iversen	Lunenburg	23	238 70
130822	Matanzas	"	96	Wm. C. Smith	"	20	218 00
130736	Matapedia	"	98	J. E. Backman	Riverport	22	231 80
130676	Matilda H.	"	11	Collins Heisler	Big Tancook	3	31 70
121854	Mattawa	"	96	E. Fenwick Zwicker	Lunenburg	17	197 30
126588	Mayola	"	119	J. F. Risser	Riverport	19	211 10
121861	Medina A	"	74	Josiah Lohnes	La Have	17	191 30
121865	Millie Louise	"	80	J. Ernst & Son	Mahone Bay	15	183 50
126107	Minnie M. Mosher	"	73	J. E. Backman	Riverport	14	169 60
116525	Montana	"	85	"	"	17	197 30
111645	Moran	"	100	Fraser Gray	La Have	18	204 20
126113	Muriel B. Walters	"	98	Angus Walters	Lunenburg	20	218 00
130733	Muriel E. Winters	"	100	Freeman Anderson	"	19	211 10
130575	Muriel L.	"	15	Peter Lowe	Blandford	3	35 70
130479	Muriel M. Richard	"	97	William Richard	La Have	25	252 50
122007	Muriel M. Young	"	100	John B. Young	Lunenburg	18	204 20
130469	Natoma	"	92	William Duff	"	18	204 20
122008	Nicola	"	99	Eleazar Zinck	"	19	211 10
130476	Nita M. Conrad	"	91	Wm. C. Smith	"	20	218 00
126827	Nobility	"	99	Hiram Ritcey	Riverport	20	218 00
130955	No Tow	"	15	Harry Publicover	Blandford	2	28 80
112106	Oregon	"	99	W. N. Reinhardt	La Have	17	197 30
130826	Original	"	100	Wm. C. Smith	Lunenburg	20	218 00
130683	Oriole L.	"	10	William Levy	Lit. Tancook	3	30 70
130572	Otokia	"	89	J. Ernst & Son	Mahone Bay	17	197 30
131067	P. C. Mason	"	11	Phineas Mason	Eastern Points	2	24 80
111642	Palatia	"	95	Wm. Arenburg	Lunenburg	17	197 30
130671	Pauline L.	"	15	Harold Ernst	"	3	35 70
126589	Percival S. Parks	"	109	Simon Parks	Parks Creek	19	211 10
121869	Petite	"	61	A. H. Sperry	Petite Rivière	16	171 40
130828	Phyllis L. West-	"					
	haver	"	99	J. M. Rhodenizer	Lunenburg	20	218 00
111402	Protector	"	95	W. N. Reinhardt	La Have	18	204 20
130817	R. L. Borden	"	99	G. A. Himmelman	Riverport	22	231 80
130957	Rakwana	"	11	Daniel Smith	Cross Island	3	31 70
130569	Rebecca M. L.	"	11	Nathaniel Levy	Lit. Tancook	3	31 70
130674	Reggie P. P.	"	11	Norman Publicover	Blandford	2	24 80
126114	Revenue	"	99	Wm. C. Smith	Lunenburg	20	218 00
130478	Review	"	74	J. N. Rafuse	Conquerall Bank	16	184 40
111648	Riviera	"	96	Jas. Shankle	La Have	18	204 20
130480	Roland A. T.	"	11	Abraham Knickle	Blue Rocks	4	38 60
130946	Ronald C.	"	14	Clarence Tanner	Black Rocks	3	34 70
121856	Ronald C. Smith	"	100	Wm. C. Smith	Lunenburg	18	204 20
130689	Rosanna T.	"	11	Israel Tanner	Eastern Points	2	24 80
126034	Russel H. Lentz	"	99	A. V. Conrad	Parks Creek	19	211 10
130685	S. F. Levy	"	12	Hezekiah Levy	Lit. Tancook	3	32 70
130580	Sadie Evelyn	"	11	Marcus Publicover	Blandford	2	24 80
126826	Sadie J. Risser	"	11	Elijah Risser	La Have Islds.	3	31 70
111741	Saratoga	"	92	C. U. Mader	Mahone Bay	17	197 30
130724	Sealer	"	11	Amos Levy	Cross Island	2	24 80

List of Vessels which received Fishing Bounty, &c.—Nova Scotia—Continued.

LUNENBURG COUNTY—Concluded.

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	Number of Crew paid.	Amount of Bounty paid. \$ cts.
126582	Sesame.	Lunenburg....	15	Joshua Ernst	Pleasantville....	3	35 70
130474	Shant-Alee.	"	11	James Wight.....	Eastern Points....	3	31 70
130471	Skip.....	"	11	Arthur Mason.....	"	3	31 70
126590	Uda A. Saunders..	"	95	E. Fenwick Zwicker.	Lunenburg..	20	218 00
112117	Ulva.....	"	99	A. V. Conrad.....	Parks Creek.....	17	197 30
122306	Undaunted.....	"	15	Jas. Oxner.....	Dublin Shore	4	42 60
131063	Vernie S.....	"	10	Albert Stevens.....	Big Tancook	2	23 80
130579	Victor S.....	"	11	Freeman Jollymore..	Mill Cove.....	3	31 70
116504	W. C. Silver.....	"	91	H. W. Adams.....	Lunenburg.....	20	218 00
130824	W. H. Smith.....	"	94	Wm. C. Smith.....	"	17	197 30
130682	Warren G. C.....	"	12	Daniel Gilfoxy.....	"	2	25 80
126120	Warren G. Winters	"	95	Freeman Anderson..	"	18	204 20
126115	Watauga.....	"	99	H. W. Adams.....	"	19	211 10
126818	William C. Smith..	"	99	Wm. C. Smith.....	"	20	218 00
121852	Winnifred.....	"	99	J. Ernst & Son.....	Mahone Bay ...	18	204 20
112127	Yamaska.....	"	98	Wm. C. Smith.....	Lunenburg.....	17	197 30
111419	Yukon	"	97	"	"	18	204 20
130813	Zelma T. Young..	"	15	Victor Zinck	Blandford	2	28 80

QUEENS COUNTY.

121685	Augusta	Yarmouth.....	11	Ambrose Verge ...	Port Medway.....	2	24 80
96970	Charlie Richardson	Shelburne	26	Alex Doggett.....	Summerville.....	3	46 70
130677	Cunner	Lunenburg.....	10	Thomas Smith.....	S.W. Port Mouton	3	30 70
122002	Dolly Grey.....	"	13	Henry S. MacDonald.	Port Joli.....	4	30 60
122235	Ena A.....	Barrington.....	12	Walter S. Leaman...	Port Medway.....	3	32 70
116520	Evelyn.....	Lunenburg.....	18	Bernard Wharton...	Beach Meadows..	5	52 50
107054	Favorite	Liverpool.....	28	Joseph Corkum... ..	"	5	62 50
121877	Florence C.....	Yarmouth	15	Rufus F. Weagle ...	Moose Harbour...	4	42 60
116352	G. B. Zwicker...	Port Medway...	13	Chas. Zwicker.....	Port Medway.....	3	33 70
130247	Gaetta	"	16	Stanley E. Parke ...	"	2	29 80
122239	Hilda Brannen...	Liverpool.....	10	Merrill Pentz.....	Beach Meadows..	2	23 80
122105	Lottie G.....	Yarmouth.....	10	S. A. Leaman.....	Port Medway.....	3	30 70
126184	Marion C.....	Liverpool.....	11	A. A. Payzant.....	Western Head....	3	31 70
112104	Nina.....	Port Medway...	10	John Wagner Sr....	Port Medway.....	2	23 80
121893	Orinoco.....	Liverpool.....	15	G. S. Smith.....	Hunts Point. ...	3	35 70
130725	W. Baker	Lunenburg.....	10	William Baker. ...	Moose Harbour...	3	30 70

RICHMOND COUNTY.

116657	Alice M	Yarmouth.....	26	Thos. R. Boudrot....	Petit de Grat.....	7	74 30
111472	Annie May.....	Arichat.....	17	Peter Landry	"	4	44 60
103463	Annie May.....	"	11	Henry LeLacheur....	Martinique.....	4	38 60
75561	Boreas.....	Lunenburg	41	John A Colford.....	Port Malcom.....	2	54 80
74100	Candid.....	Arichat.....	23	Chas. LeBlanc.....	River Bourgeois..	3	43 70
111739	Clarence B.....	"	90	Stewart Fisheries Ltd.	St. Peters	18	204 20
130355	E. L. Comeau ...	"	14	Alex. A. Boudreau..	Petit de Grat.....	4	41 60
116343	Eva May.....	"	11	Thos. A. Boudreau...	"	2	24 80
80829	Florence B.....	"	32	Chas. Boudrot.....	River Bourgeois..	10	101 00
117091	Hazel Maud.....	"	10	Alcide Goyetche....	Cape Auguet.....	3	30 70
100161	Hilda Maud	Pt. Hawkesbury.	46	John D. Malcom.....	Port Malcom.....	5	80 50
100490	Irene M. B.....	Lunenburg.....	66	Frederick Poirier...	Descousse.....	15	169 50
122183	Justina	Arichat.....	10	Isaie Boudreau. ...	River Bourgeois..	2	23 80
103469	Katie B	"	16	John Burke.....	"	5	48 50
111795	Katie J.....	Pt. Hawkesbury.	11	Lawrence Lavache...	West Arichat....	2	24 80
111480	Lady Laurier....	Arichat.....	12	Simon A. Boudreau..	Petit de Grat.....	1	18 90
117092	Lass of Gowrie....	"	14	Joseph Pettipas....	Arichat.....	3	34 70

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LIST of Vessels which received Fishing Bounty, &c.—Nova Scotia—*Continued.*RICHMOND COUNTY—*Concluded.*

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew paid	Amount of Bounty paid.
							\$ cts.
107374	Leah Hardy.....	Sydney.....	20	Peter Landry.....	Sampsonville.....	5	54 50
111905	Lena Jane.....	Arichat.....	11	Dominique Boudrot..	Petit de Grat....	5	45 50
103467	Lizzie May.....	".....	11	Simon LeBlanc.....	".....	3	31 70
116350	Maggie F.....	".....	14	Alexis Paccardax ...	Gulley... ..	5	48 50
116345	Mary Alice.....	".....	10	Patk. E. Sampson ...	Lr. L'Ardoise.....	3	30 70
111479	Mary Atalanta..	".....	15	Albini Sampson.....	River Bourgoies..	2	28 80
117099	Mary J.....	".....	33	Henry Sampson.....	".....	2	43 80
103462	Maud.....	".....	20	Henry Duyon.....	Arichat.....	2	33 80
72067	Minnie.....	Pt. Hawkesbury.	26	John Pelham.....	Janvrin Island....	5	60 50
111907	Minnie A.....	Arichat.....	46	Abram J. Burke.....	River Bourgoies..	10	115 00
117095	Rodrid Grace.....	".....	17	Hubert Birrette.....	Lr. L'Ardoise.....	3	37 70
116272	Rosie M. B.....	Halifax.....	75	Anselme Sampson....	River Bourgeois..	14	171 60
107318	St. Stephen.....	".....	19	Chas. W. McKenzie..	Lr. L'Ardoise.....	4	46 60
96962	Sunrise.....	Yarmouth.....	18	Daniel Burke.....	River Bourgeois..	5	32 50
103460	Two Brothers.....	Arichat.....	18	Maurice Peters.....	Lr. L'Ardoise.....	5	52 50
122190	Virginie S.....	".....	16	Elias V. Landry.....	Petit de Grat....	6	57 40
111974	Volunteer.....	Pt. Hawkesbury.	14	David A. Boudrot....	".....	2	27 80
100812	Wyvern.....	Barrington.....	25	J. D. Walker... ..	Walkerville,..	3	45 70

SHELBURNE COUNTY.

121808	Abbie.....	Barrington.....	10	F. B. Hopkins.....	Barrington.....	2	23 80
121802	Abbie May.....	".....	10	Chas. E. Rapp.....	McNutt's Island..	2	23 80
121801	Alice M. Atwood..	Yarmouth	10	Geo. L. Nickerson....	Woods Harbour...	4	37 60
122133	Alter C.....	".....	10	John Y. Smith..	Baccaro.....	3	30 70
122149	Alva.....	".....	11	Geo. H. Lyle.....	Reynolds Croft...	4	38 60
122579	Amerite.....	".....	12	Fred. Swim.....	Clark's Harbour..	3	32 70
122093	Anita.....	".....	11	Willard Matthews...	E. Ragged Island.	3	31 70
117134	Annie Iue.....	".....	10	John A. Smith.....	Port La Tour.....	4	37 60
121890	Annie Smith.....	".....	13	E. P. Crowell.....	Up. Port La Tour.	5	47 50
100612	Ardella.....	Shelburne	10	Eleazar Crowe.....	Sandy Point.....	4	37 60
116824	Avis Pauline....	Barrington.....	12	Peter Kenney.....	Clark's Harbour...	3	32 70
122453	Bertha A.....	Yarmouth	12	Thomas Ross.....	Up, Port La Tour.	3	32 70
130508	Blanchard C.....	Shelburne	11	Austin Swansburg ...	Little Harbour....	4	38 60
121806	Blanche	Yarmouth.....	10	Hartley Sears.....	Woods Harbour...	2	23 80
103186	Brittania	Shelburne	11	Ross Enslow.....	Green Harbour ...	4	38 60
122288	Buema.....	".....	36	H. R. Swim.....	Lockeport	8	91 20
121886	Carrie.....	Yarmouth.....	10	Thomas Duncan.....	Clark's Harbour..	1	16 90
122094	Clara M. Smith...	".....	10	Fred C. Smith.....	Newellton.....	3	30 70
116826	Claremont A.....	Barrington.....	11	John Bateman.....	Stoney Island.....	3	31 70
121681	Claymore.....	Yarmouth.	10	J. R. Shand.....	Bear Point.	4	37 60
121683	D. E. Nickerson..	".....	10	John W. Hemeon....	Sandy Point	4	37 60
121882	Dorothy.....	".....	10	Geo. H. Deinstadt...	Churchover.....	2	23 80
122570	Edna M.....	".....	11	Wilbur Halliday....	Bear Point.....	4	38 60
122470	Elva Belle.....	".....	11	Burns McKenzie... ..	Green Harbour....	4	38 60
130504	Eila M. Rudolph.	Shelburne.....	54	Wm. McMillan.....	Lookeport.....	12	136 80
122467	Enterprise.....	Yarmouth.....	10	Oscar Gardner.....	Port La Tour.	4	37 60
126344	Erzie G. Mildred..	Barrington	10	Jethro Goodick.....	Sandy Point.....	4	37 60
121688	Ethel May.....	Yarmouth.....	10	Thos. S. Messenger ..	West Head.....	5	44 50
121796	Etta N.....	".....	10	Albert Crowell.....	Lockeport	3	30 70
121901	Eva M.....	Barrington.....	11	Edward Goodick.	Sandy Point.....	5	45 50
126345	Eva S.....	".....	10	Gabriel Swim.....	Clark's Harbour..	4	37 60
117048	Evangeline.....	".....	11	Foster Crowell.....	".....	3	31 70
121804	Fish Hawk.....	Yarmouth.....	10	Ernest Swim.....	".....	2	23 80
122146	Flirt.....	".....	16	H. D. Smith.....	Smithville.....	4	43 60
122106	Florence M	".....	10	Jno. E. Nickerson...	West Head.....	3	30 70
122575	Fly	Barrington.	10	Albert D. Snow.....	Port La Tour.....	3	30 70
117045	Fred C.....	".....	12	C. E. Nickerson.....	Villagedale	4	39 60
121907	Freda N. Nickerson	".....	12	P. W. Nickerson.....	Stoney Island.....	6	53 40
121793	Fredona.....	Yarmouth.....	10	Samuel Hopkins.....	Clark's Island.....	4	37 60

LIST of Vessels which received Fishing Bounty, &c.—Nova Scotia—Continued.

SHELBURNE COUNTY—Continued.

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew paid.	Amount of Bounty paid. \$ cts.
122282	G. M. Stephens...	Shelburne	12	H. R. Swim.....	Lockeport	2	25 80
111876	Geneva May.....	Yarmouth	71	Norman Smith.....	Woods Harbour...	6	112 40
122142	Gertrude.....	"	10	Mitchell Smith	Doctor's Cove.....	4	37 60
112138	Gladiator.....	Shelburne	11	Hugh McAlpine.....	Lockeport	4	38 60
122468	Gladys.....	Yarmouth.....	11	Clayton M. Shand...	Shag Harbour.....	....	11 00
122463	Gladys M.....	"	10	Jas. C. Ross.....	Up. Port La Tour.	3	30 70
130507	Gladys Thorburn..	Shelburne	39	Jno. H. Thorburn...	Sandy Point	7	87 30
116894	Harry M. Johnson	Yarmouth.....	14	Millage Atkinson...	Clark's Harbour...	3	34 70
121797	Hattie & Ina. . .	"	10	Arnold Doane.....	Carleton Village..	2	23 80
121805	Hattie Quinlen. .	"	10	Carmi Nickerson....	The Hawk.....	4	37 60
122139	Hazel	"	10	Geo. Crowell.....	Atwoods Brook...	3	30 70
122289	Helen and Hilda..	Shelburne	16	Fred C. McLean....	Port Saxon.....	3	36 70
122100	Helen C	Yarmouth.....	10	Nehemiah Crowell...	Woods Harbour...	3	30 70
122232	Helen Davis.....	Barrington	12	Floyd Ross.....	Stoney Island.....	4	39 60
126185	Helen Glenn.....	Shelburne	10	Edwd. Harmond....	Lr. Jordan Bay...	4	37 60
122237	Helena Maud.....	Barrington.....	12	A. Bradford Smith...	Newellton.....	2	24 80
122141	Hillside	Yarmouth.....	10	Jno. C. Williams . .	Green Harbour...	3	30 70
126347	Ida M. Cunningham	Barrington.....	16	B. F. Cunningham...	South Side.....	4	43 60
117131	Ilona & Ida.	Yarmouth.....	13	H. H. Brannen.....	Stoney Island.....	6	54 40
112904	Iona & Maggie....	Barrington.....	11	Whitman Ross.....	"	5	45 50
116853	J. J. Cox.....	Shelburne	65	Robt. L. McCarthy..	Shelburne.....	9	127 10
116822	Jennet.....	Barrington.....	11	Clarence McKay....	Roseway.....	3	31 70
122138	Jennie L.....	Yarmouth	10	Jas. A. Smith.....	Smithville.....	4	37 60
116823	Jessie Roy.....	Barrington...	12	J. A. Crowell.....	Clark's Harbour..	4	39 60
121795	John L.....	Yarmouth	11	Bert Hipson.....	Sandy Point.....	3	31 70
121692	Josephine.....	"	10	Fred Newell.....	West Head.....	4	37 60
126670	Julie Opp.....	Shelburne	38	H. R. Swim.....	Lockeport	11	113 90
117136	Laura B.....	Yarmouth.....	10	C. D. Atkinson....	Stoney Island.....	4	37 60
121887	Lena.....	"	11	Jos. Nickerson.....	The Hawk.....	3	31 70
122458	Lila A.	Barrington.....	10	H. S. Atkinson	Stoney Island	3	30 70
122455	Lizzie A	Yarmouth.....	33	H. R. L. Bill.....	Lockeport	10	102 00
126188	Lulu S.....	Shelburne	23	H. R. Swim.....	"	2	36 80
121880	Mabel C.....	Barrington.....	10	Wm. R. Reed	Stoney Island...	5	44 50
122140	Mabel L.....	Yarmouth.....	10	Jos. Larkin.....	Shag Harbour...	4	37 60
121799	Mabel V.....	"	10	Daniel V. Smith.....	Clark's Harbour..	4	37 60
121888	Margaret.....	"	10	Jos. G. Hopkins.. .	"	4	37 60
116854	Mariana.....	Shelburne	33	H. R. L. Bill.....	Lockeport.....	10	102 00
121803	Mary J.....	Yarmouth	10	Mark Atwood.....	The Hawk.	4	37 60
83434	Mary May.....	Shelburne	20	Adam Firth.....	Shelburne	5	54 50
121879	Matilda	Yarmouth.....	10	Eugene Nickerson...	Bear Point.....	3	30 70
122234	Minnie Laura....	Barrington.....	11	Cornelius Maxwell..	Clark's Harbour..	5	45 50
121905	Mira L. Smith....	"	14	E. P. Crowell.....	Up. Port La Tour.	4	41 60
103800	Nellie I. King...	Shelburne	99	Geo. H. King	Sandy Point.....	19	211 10
122457	Nema & Millie....	Yarmouth.....	11	Sanford Slate	Cape Negro.	3	31 70
117132	Nema D.....	"	10	Wm. O. Crowell.. .	Barrington.....	3	30 70
122104	Ocean Spray.....	"	11	C. E. Atkinson.....	Newellton.....	3	31 70
117050	Olive R	Barrington.....	14	H. R. Swim.....	Lockeport.....	3	34 70
122233	R. H. Milford ..	"	13	Isaiah Newell.....	West Head.....	2	26 80
130506	R. L. McKenzie..	Shelburne	33	Ralph McKenzie....	Lockeport.....	9	95 10
122469	Raymond C.....	Yarmouth.....	11	Robt. L. Newell....	West Head.	4	38 60
122466	Rilla May.....	"	12	L. J. Nickerson. .	"	4	39 60
130509	Roseway.....	Shelburne	37	Roseway Fish Co....	Shelburne	1	43 90
126342	Sakotis.....	Barrington.....	11	Benj. J. Newell....	West Head.....	4	38 60
121878	Selma.. ..	Yarmouth.....	14	Chas. Hubbard	Charlesville.....	4	41 60
103783	Springwood.	Shelburne	98	Wm. McMillan.....	Lockeport.....	18	204 20
90648	Stranger.....	Barrington.....	20	Wm. H. Swim.	Barrington Passage	4	47 60
122236	Thelma B*	"	12	W. D. Williams	E. Green Hbr.....	....	12 00
122236	Thelma B.....	"	12	Geo. S. Decker. . .	Little Hbr.....	4	39 60
116895	Thelma E.....	Shelburne	11	Rufus T. Acker.....	Shelburne... ..	3	31 70
122091	Thistle... ..	Barrington.....	10	Robt. Brannen.....	Clarks Hbr.....	3	30 70
117046	Three Brothers...	"	13	Thos. I. Newell....	West Head..	3	33 70
116448	Togo.....	Shelburne	18	Edmund C. Locke...	Lockeport.....	5	52 50

*For 1911.

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List of Vessels which received Fishing Bounty, &c.—Nova Scotia—Continued.

SHELBURNE COUNTY—Concluded.

Official Number.	Name of Vessel.	Port of Registry.	Tonnage	Name of Owner or Managing Owner.	Residence.	No. of Crew paid.	Amount of Bounty paid. \$ cts.
116893	Togo.	Yarmouth.....	12	P. W. Stoddart ..	Woods Hbr.....	6	53 40
121792	Twin Sisters.	"	10	Osborne Smith.....	The Hawk.....	4	37 60
122107	Two Sisters.....	"	10	Thos. H. Chetwynd..	Woods Hbr.....	4	37 60
121699	Una.....	"	10	Randall McKinnon..	Clarks Hbr.....	2	23 80
117143	Valmore	Halifax.....	11	Clayton Collopy.	Lockeport.....	3	31 70
121696	W. F. Brittcliffe..	Shelburne	10	Wm. A. Hallett.....	Shelburne.....	2	23 80
77744	Whip-poor-Will...	"	17	Isaac Ringer.....	Sand Point.....	3	37 70
122150	Wilford H.....	Yarmouth.....	11	David T. Horton.....	Up. Port La Tour,	3	31 70
122464	Willie M.	"	14	Foster Salisbury.	Port La Tour.	4	41 60
121690	Winnifred.....	"	10	Allen Nickerson.	Clark's Hbr.....	3	30 70
116449	Zephyr....	Shelburne	11	Sanford Greenwood..	Port Saxon.....	3	31 70

VICTORIA COUNTY.

117028	Anna F.....	Sydney.....	14	Jas. G. Brewer	South Ingonish. ...	2	27 80
126028	Beatrice Donovan.	"	18	William Donovan	"	5	52 50
130369	Edna R. Hines. ...	"	18	Angus J. Hines.....	Ingonish Ferry. ...	5	52 50
126562	Hawley Brothers..	"	11	James Hawley.	"	5	45 50
122120	Julia F. C.....	"	12	Thos. A. Young.....	South Ingonish... ..	5	46 50
130362	M. A. McDonald..	"	17	Angus McDonald.....	"	5	51 50
130366	M. T. Williams...	"	16	Wm. Williams.....	"	3	36 70
107355	Mary E.....	"	10	Allen McIntyre.....	"	5	44 50
117026	Mary E. Daisley..	"	16	Avery Daisley.	Dingwall	2	29 80
100444	Stella May.....	Canso.....	12	Simon P. Hawley.....	Ingonish Ferry....	4	39 60
126567	T. W. J. Whittier.	Sydney	15	Timothy Whittie.....	South Ingonish. ...	5	49 50
130363	V. F. Williams...	"	13	Vincent Williams....	"	3	33 70
130367	William Thomas..	"	14	Patrick Doyle.....	"	3	34 70

YARMOUTH COUNTY.

121876	Adoriam	Yarmouth.....	15	O. D. Van Amburg..	Pubnico Head	1	21 90
116898	Agnes M.	"	11	Geo. Doucette.....	Tusket.....	2	24 80
126808	Agnes Pauline....	"	71	R. N. D'Entremont..	W. Pubnico.....	16	181 40
111879	Annie B.....	"	20	Theo. D'Entremont..	"	8	75 20
121652	Arabia.....	"	10	Adolphe LeBlanc....	Wedgeport.....	2	23 80
121698	Argo.....	"	10	Theophile Jacquard..	Comeau Hill.....	1	16 90
121695	Aroma S.	"	10	Ceasar Amiro.....	East Pubnico.	4	37 60
122586	Aspinet.....	"	14	Arthur McComiskey.	L. E. Pubnico....	5	48 50
121694	Columbia	"	10	Fred M. Murphy	Pubnico Head....	2	23 80
100605	Dawn	"	49	Yarmouth Trad'g Co.	Yarmouth.....	10	118 00
116205	Eddie James.....	"	79	"	"	18	203 20
116528	Edith F. S.	"	67	"	"	17	184 30
126807	Elizabeth D....	"	79	S. D. D'Entremont..	L. W. Pubnico....	20	217 00
122584	Emelien Burke...	"	90	Henry Lewis.....	Yarmouth.....	15	183 50
121809	Estella.....	"	11	Albt. E. Carland....	Pubnico Head....	1	17 90
122137	Etta M.....	"	10	Alexr. Surette.....	Wedgeport.	3	30 70
122461	Eva E.....	"	10	Aaron Allen.....	Yarmouth.....	4	37 60
121872	Francis A.....	"	93	Yarmouth Trad'g Co.	"	20	218 00
122574	Gladys Olia.	"	10	Wm. McNair.....	Argyle Sound.....	2	23 80
103717	Henry L.....	"	10	A. C. D'Entremont..	West Pubnico....	3	30 70
122099	Hilda	"	17	Henry Boudreau....	Wedgeport.....	4	44 60
121655	Indianna.....	Yarmouth.....	10	Chas. A. Lowe.....	Deep Cove Isld... ..	3	30 70
122454	Industry.....	Barrington.. ..	11	Nathaniel J. Sears...	Port Maitland....	5	45 50
122290	Kernwood.....	Yarmouth.....	84	Stephen D. Killam...	Yarmouth.....	18	204 20
116204	Laurie J.....	"	65	E. J. D'Entremont..	West Pubnico	18	189 20
103709	Lizzie E.....	"	19	E. Juston Ellis	Port Maitland....	4	46 60
130625	Louis P.....	"	60	L. P. D'Entremont..	West Pubnico	12	142 80

List of Vessels which received Fishing Bounty, &c.—Nova Scotia—*Concluded.*

YARMOUTH COUNTY—*Concluded.*

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Cwner or Managing Owner.	Residence.	Number of Crew paid.	Amount of Bounty paid.
							\$ cts.
116210	Lucy A.....	Yarmouth ..	32	Eloi J. LeBlanc.....	Wedgeport.	1	38 90
116899	Lydia L.....	"	14	Chas. D. LeBlanc....	Plymouth.....	1	20 90
121903	M. F. Atwood....	Barrington.....	15	Jno. Surette.....	Morris Isld.	5	49 50
116658	Mabel A.....	Yarmouth.....	15	Yarmouth Trad'g Co.	Yarmouth.....	4	42 60
122231	Minola	Barrington.....	13	Douglas Cardiner....	Argyle Sound.....	3	33 70
121687	Monitor.....	Yarmouth.....	10	Benj. Hersey.....	Port Maitland....	5	44 50
126187	Nathalie.....	"	28	Yarmouth Trad'g Co.	Yarmouth.....	11	103 90
111875	Nelson A.....	"	72	"	"	17	189 30
122136	Nyctia.....	"	10	Nemiah Larkin.....	L. E. Pubnico....	3	30 70
103706	Regine.....	"	10	T. A. D'Entremont .	West Pubnico....	4	37 60
117044	S. B. Millard....	Barrington.....	20	Actime Amiro.. .	"	7	68 30
100323	Senora.	Yarmouth.....	85	Marc A. Surette.....	"	21	224 90
121875	Toronto.....	"	13	Jos. Atkins.....	Darling Lake.....	2	26 80
103711	Venite.	"	24	Jas. E. Crosby.....	Yarmouth.....	5	58 50
122134	Venus.....	"	10	L. A. D'Entremont..	W. Pubnico.....	2	23 80
121873	Viola S.....	"	16	Wm. McNair	Argyle Sound.....	3	36 70
122452	Virginia	Barrington.....	17	Jas. L. Purdy.....	Rockville.....	5	51 50
117042	White Eagle.....	"	10	Gervais Muise.....	Surette Isid.....	5	44 50
122465	White Wing.	Yarmouth	11	Jos. Harris.....	Yarmouth.....	2	24 80

PROVINCE OF NEW-BRUNSWICK.

CHARLOTTE COUNTY.

122250	Bonita.....	St Andrews...	15	Benj. Carter.....	Seeleys Cove.....	3	35 70
116239	Edna L.....	Digby	11	Jos. A. Comeau... .	Beaver Hbr.....	1	17 90
80802	Ella Mabel.. .	St. Andrews....	14	E. G. Lee	"	1	20 90
111527	Etta H.....	Digby	10	Geo. Justason.....	Blacks Hbr.	3	30 70
80803	Exenia	Windsor.....	18	Jno. R. Moses.	North Head .. .	6	59 40
107910	Grace & Ethel...	St. Andrews....	16	A. Ingersoll.....	Woodwards Cove.	4	43 60
111839	Barry C.....	Digby.....	16	Lewis Matthews.....	Letete.....	4	43 60
122248	Hattie B	St. Andrews....	10	Wilmot Benson.....	Seal Cove.....	3	30 70
107437	Hattie L.....	"	12	Edwd. Ingalls.....	Grand Hbr.	2	25 80
111688	Hazelwood.....	Shelburne	29	Geo. C. Stevens.....	Freeport .. .	1	35 90
103121	Island Girl.....	St. Andrews....	17	Birdell Lambert	Woodwards Cove..	1	23 90
103992	Jessie James.. .	"	11	Josephine Frankland.	White Head.. .	2	24 80
122042	Lyla H.....	"	11	Chester Frankland. .	"	3	31 70
83473	Porpoise.....	"	32	Chas. Spear.....	Seeleys Cove. ,...	3	52 70
107904	Quoddy Queen ..	"	13	Chas. Matthews.....	Letete.....	1	19 90
107806	Rena F.....	"	12	Jno. Ingersoll.....	Woodwards Cove.	1	18 90
111834	Rosan.....	Digby.....	10	Jas. Scovil	North Head.. .	1	16 90
121660	Squanto.. .	Yarmouth.....	11	Guy Unquhart.....	"	3	31 70
59387	Telephone	St. Andrews....	19	Alfred Stanley.....	"	7	67 30
107440	Three Links	"	12	Robt. Main.....	Woodwards Cove.	4	39 60
100548	Violetta.....	"	11	Wm. M. Tucker.....	Letete.....	4	38 60
97149	Winnie	"	12	Joseph Holland	Seeleys Cove.....	4	39 60

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List of Vessels which received Fishing Bounty, &c.—New Brunswick—*Continued.*

GLOUCESTER COUNTY.

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew paid.	Amount of Bounty paid. \$ cts.
72099	Adelina.....	Chatham.....	12	Patk. Blanchard.	Caraquet.	5	46 50
103081	Albatross.....	".....	13	Wm. Fruing & Co....	".....	5	47 50
112156	Albert W.....	".....	10	Philorome Chiasson..	".....	5	44 50
130985	Alexisna.....	".....	17	Rpmain A. Noel.	Lit. Lameque....	6	58 40
122057	Alice.....	".....	15	Severe Duguay.....	".....	5	49 50
130332	Alika P.....	".....	15	Zoel Paulin.....	Lameque.....	4	42 60
112162	Alma.....	".....	12	Agapit T. Duguay....	".....	5	46 50
96739	Argeline.....	".....	14	F. T. B. Young.....	Caraquet.....	5	48 50
92419	Anna.....	".....	12	Patrice Chiasson....	Lameque.....	4	39 60
100960	Annie M.....	".....	11	W. S. Loggie Co.....	Chatham.....	4	38 60
130988	Aviator.....	".....	17	Peter S. Lanteigne...	Caraquet.....	4	44 60
103072	Ben-Hur.....	".....	11	Adolphe LeClerc....	".....	6	52 40
100975	Big Bear.....	".....	10	Gervais Plourde.....	".....	3	30 70
100299	Blanchard.....	".....	12	Robin, Jones & Whit man.....	".....	5	46 50
103589	Blenheim.....	".....	13	Robin, Jones & Whit man.....	Caraquet.....	4	40 60
130657	Bolina.....	".....	20	".....	".....	4	47 60
103780	Britannia.....	".....	13	Wm. Fruing & Co....	".....	3	33 70
100780	Britannic.....	".....	12	W. S. Loggie Co.....	Chatham.....	1	39 60
111465	C. R. C.....	".....	13	Robin, Jones & Whit man.....	Caraquet.....	5	47 50
100988	Caesar.....	".....	10	G. P. Chiasson.....	".....	4	37 60
100774	Calliope.....	".....	12	Raphael Hebert.....	".....	4	39 60
130339	Casaquet.....	".....	15	Philias Doiron.....	".....	5	49 50
103271	Celia.....	".....	11	D. D. Landry.....	".....	4	38 60
103585	Cerdric.....	".....	14	Henri X. Chenard....	".....	4	41 60
100784	Charlotte.....	".....	13	F. T. B. Young.....	".....	4	40 60
103083	Corsair.....	".....	10	Wm. Fruing & Co....	".....	4	37 60
100913	Daffodil.....	".....	10	".....	".....	4	37 60
130982	Dip-on.....	".....	12	Jno. Poirier.....	".....	4	39 60
103076	Dipper.....	".....	12	W. S. Loggie Co....	Chatham.....	5	46 50
103948	Dora.....	".....	12	Robin, Jones & Whit man.....	Caraquet.....	4	39 60
112155	Dora.....	".....	10	Seraphin Dorion.....	Miscou Harbour..	2	23 80
122053	Dorie.....	".....	10	Peter P. Chiasson....	Island River....	3	30 70
100999	Dove.....	".....	11	Wm. Fruing & Co....	Caraquet.....	5	45 50
100998	Eagle.....	".....	10	".....	".....	4	37 60
116979	Elie Anne.....	".....	17	Jos. J. Doiron.....	".....	4	44 60
103590	Eliza.....	".....	13	Robin, Jones & Whit man.....	".....	4	40 60
100293	Eliza.....	".....	15	F. T. B. Young.....	".....	4	42 60
130986	Emerencienne	".....	17	Theophile Noel.....	Lameque.....	4	44 60
100911	Emperor.....	".....	10	Wm. Fruing & Co....	Caraquet.....	4	37 60
100786	Empress.....	".....	12	F. T. B. Young.....	".....	4	39 60
100772	Estelle.....	".....	13	Harry Rive.....	".....	4	40 60
100787	Ethel.....	".....	11	F. T. B. Young.....	".....	4	38 60
122058	Evangeline.....	".....	10	Vilas Frigault.....	Mizonette.....	3	30 70
92417	Evangeline.....	".....	11	Maximin Paulin.....	Little Lameque...	4	38 60
103001	Falcon.....	".....	10	Jos. X. Chiasson....	Caraquet.....	2	23 80
103077	Fame.....	".....	10	Geo. D. Mallet.....	Shippegan.....	4	37 60
122621	Fillera.....	".....	18	Harry Rive.....	Caraquet.....	4	45 60
100298	Fisher.....	".....	12	Louis Guignard.....	Lameque.....	4	39 60
130654	Fish Seeker.....	".....	20	G. J. Gallien.....	Caraquet.....	2	33 80
61445	Flavie.....	".....	13	Bruno Doiron.....	".....	4	40 60
111468	Fleetwing.....	".....	14	Wm. Fruing & Co....	".....	3	34 70
112165	Flying Cloud.....	".....	13	Jno. F. Robichaud...	Shippegan.....	4	40 60
112151	Flying Foam.....	".....	18	Robin, Jones & Whit man.....	Caraquet.....	5	52 50
100782	Flying Foam.....	".....	12	F. T. B. Young.....	".....	4	39 60
116479	Fortuna.....	".....	10	Prosper Boudreau...	Mizonette.....	3	30 70

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LIST of Vessels which received Fishing Bounty, &c.—New Brunswick—*Continued.*GLOUCESTER COUNTY—*Continued.*

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew paid.	Amount of Bounty paid. \$ cts.
111467	Four Brothers....	Chatham.....	13	Henri Albert.. ..	Caraquet.	4	40 60
100778	Gambetta	"	13	W. S. Loggie Co.....	Chatham.....	4	39 60
100954	Gazelle	"	10	"	"	3	30 70
111464	Gazelle.....	"	13	Robin, Jones & Whit- man.....	Caraquet. ..	4	40 60
100968	Gem.....	"	11	G. G. Doiron	Blue Cove.....	4	38 60
96733	Gem... ..	"	12	Wm. Fruing & Co....	Caraquet.	4	39 60
103766	Genesta	"	12	Philius Legere.. ..	"	4	39 60
116980	Georgina.....	"	15	Gilbert Duguay... ..	Little Lamèque... ..	5	49 50
103282	Gilknockie.. ..	"	11	F. T. B. Young ...	Caraquet.	4	38 60
130336	Ginger.	"	19	Luc L. Friolet	"	4	46 60
111848	Gipsy	"	15	Wm. Fruing & Co....	"	4	42 60
103086	Gipsy	"	20	W. S. Loggie Co.....	Chatham.....	4	47 60
107775	Gold Seeker.	"	13	Robin, Jones & Whit- man	Caraquet.	4	40 60
122491	Good Intent.. ..	"	10	Xavier B. Noel	Little Lamèque... ..	5	44 50
112157	Grasshopper.....	"	16	Harry Rive.....	Caraquet.	4	43 60
92418	Grip.....	"	12	Gustave Chenard.....	"	4	39 60
111849	Happy Home.....	"	16	Harry Rive.....	"	4	43 60
100994	Hercules	"	10	Leandre Paulin	"	4	37 60
107771	Heron	"	13	Wm. Fruing & Co....	"	4	40 60
103765	Hirondelle	"	11	Agapit LeClerc.....	"	4	38 60
103939	Hope.....	"	11	Marcel Caron.....	"	5	45 50
92409	Hope.....	"	18	Harry Rive	"	4	45 60
100906	Hotspur.....	"	10	"	"	4	37 60
100779	Ibis.....	"	11	J. T. Fournier.....	Petit Rocher.....	3	31 70
117181	Ida.....	"	16	Joseph Savoy.....	Lamèque.	5	50 50
103931	Irene.....	"	12	Wm. Fruing & Co....	Caraquet.	4	46 60
96724	Isabel.....	"	11	J. Bte. Hebert.....	"	5	45 50
103289	Jersey Lily.....	"	12	Wm. Fruing & Co....	"	4	39 60
100958	John B.....	"	11	W. S. Loggie Co.....	Chatham.....	4	38 60
100965	Josephine	"	11	Harry Rive	Caraquet.	4	38 60
122169	Kathleen	"	15	Wm. Fruing & Co....	Caraquet.....	4	42 60
111466	King Edward.....	"	14	Robin, Jones & Whit- man	"	4	41 60
103949	Kingfisher.....	"	13	Wm. Fruing & Co....	"	4	40 60
103288	Kite	"	10	Patk. E. Lanteigne..	"	4	37 60
107774	Klondyke....	"	14	Robin, Jones & Whit- man	"	4	41 60
103283	Koh-i-noor	"	13	Harry Rive.....	"	4	40 60
130984	L'Acadie.....	"	17	Lange Aché	Lamèque ..	5	51 50
130337	L'Acadienne.....	"	18	Jno. S. Noel.....	"	5	52 50
111461	Ladysmith.....	"	17	Hypolite Chiasson...	Lit. Lamèque ..	5	51 50
103003	Lark.....	"	10	Wm. Fruing & Co....	Caraquet.....	4	37 60
130983	Lamecca	"	19	Camille Aché.....	Lamèque.....	5	53 50
130987	L'Assomption.....	"	18	J. J. Z. Chiasson ...	Caraquet.....	5	52 50
107773	L'Etoile.....	"	15	Prudent Gallien.	"	5	49 50
122059	Letty Jane.	"	15	Wm. Fruing & Co....	"	4	42 60
112152	Lillian	"	15	Robin, Jones & Whit- man	"	5	49 50
100972	Lizzie D.	"	11	F. T. B. Young	"	5	45 50
130981	Lobelia.....	"	21	Theotime Gallien ..	"	4	48 60
116977	Mabel.....	"	16	W. S. Loggie Co.....	Chatham.....	5	50 50
112154	Mac.....	"	11	Leo Ward.....	Miscou Centre....	4	38 60
116480	Maggie.....	"	10	John Paulin.....	Caraquet.....	4	37 60
100955	Majestic.....	"	10	W. S. Loggie Co.....	Chatham.....	4	37 60
122158	Maple Leaf	"	13	Wm. Fruing & Co....	Caraquet.....	5	47 50
116978	Margaret.....	"	16	W. S. Loggie Co.....	Chatham.....	4	43 60
112163	Margaret Ann.....	"	13	John Jones.....	Lit. Lamèque ..	4	40 60
72100	Marie	"	11	Pierre A. Doiron.....	Caraquet	5	45 50
107779	Marie	"	15	Gaspard Savoy	Shippegan.....	4	42 60

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List of Vessels which received Fishing Bounty, &c. - New Brunswick - *Continued.*GLOUCESTER COUNTY - *Continued.*

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	Number of Crew paid.	Amount of Bounty paid. \$ cts.
103278	Marie Celia	Chatham.....	13	C. S. Hachey.....	Caraquet	2	26 80
117182	Marie Etoile.....	"	20	Jos. A. Doiron.....	"	3	54 50
100242	Marie Joseph.....	"	12	Lazare Gauvin.....	Lit. Lameque	4	39 60
100295	Marie Louisa.....	"	18	Jos. A. Paulin.....	Caraquet.....	3	52 50
116471	Marie Louise.....	"	10	Gustave Chiasson.....	"	3	30 70
111847	Mary	"	14	David Albert.....	"	4	41 60
130655	Mary E. Rive.	"	21	Harry Rive.....	"	5	55 50
103084	Mary Emma.....	"	11	Wm. Fruing & Co.....	"	4	38 60
92413	Mary Jane.....	"	14	Harry Rive	"	5	48 50
116478	Mary O.....	"	11	Jos. O. Cormier.....	Mizonette	3	31 70
100957	Mary R.....	"	12	W. S. Loggie Co.....	Chatham.....	4	39 60
116475	Mary Rose.....	"	17	Robin, Jones & Whit- man	Caraquet.....	5	51 50
112161	Mary Star.....	"	15	H. LeBouthillier.....	"	5	49 50
112150	Mary Star of the Sea.....	"	15	Luke Friolet.	"	5	49 50
111844	Mary Star of the Sea.....	"	14	Robin, Jones & Whit- man	"	4	41 60
116477	Mary Star of the Sea.....	"	20	Ferdinand Savoy.....	Shippegan.....	4	47 60
107777	May Flower.....	"	11	Fabien Chiasson Jr. .	Island River..	4	38 60
103768	Mayflower.....	"	13	Robin, Jones & Whit- man	Caraquet.....	4	40 60
100779	Mermaid.....	"	11	W. S. Loggie Co.	Chatham.....	4	38 60
112164	Merry Christmas..	"	13	Celestin Jean.....	Lit. Lameque	4	40 60
100390	Mikado.....	"	13	Robin, Jones & Whit- man	Caraquet.....	4	40 60
130659	Mildred Elaine.	"	20	Wm. Fruing & Co.....	"	6	61 40
117188	Morning Star.....	"	14	Romain J. Noel Sr....	Lameque	4	41 60
122065	Olive.....	"	14	Amedée Dugué	Lit. Lameque.....	4	41 60
103004	Oriole.....	"	11	Wm. Fruing & Co.....	Caraquet	4	38 60
103005	Osprey.....	"	10	Thos. J. Mallet	Shippegan.....	4	37 60
130656	P. A. L.....	"	17	P. A. Lanteigne.....	Caraquet.....	5	51 50
100904	P. T. S.....	"	11	Edwd. O. LeBouthil- lier.....	"	4	38 60
100297	Palma.....	"	14	Amedée F. Aché.....	Lameque.....	5	48 50
100776	Patrick.....	"	11	Pierre P. Morais.....	Caraquet.....	5	45 50
103778	Pelican.....	"	13	Wm. Fruing & Co.....	"	4	40 60
103674	Petrel.....	"	12	"	"	3	32 70
122623	Pride of the Fleet.	"	24	Robin, Jones & Whit- man	"	4	51 60
116974	Providence.....	"	18	M. L. Lanteigne.....	"	4	45 60
96740	Providence.....	"	13	Prospère Leger.....	"	4	40 60
96732	Providence.....	"	11	Jean Aché (S).....	Lameque	4	38 60
130335	R. J. W.....	"	26	Robin, Jones & Whit- man	Caraquet.....	5	60 50
100775	Red Gauntlet.....	"	11	J. H. LeBouthillier..	"	4	38 60
103586	Remus	"	17	W. S. Loggie Co.....	Chatham	4	44 60
103078	Reward.....	"	13	Jas. DeGrace.....	Shippegan.....	5	47 50
97191	Rita	"	12	Robin, Jones & Whit- man	Caraquet.....	4	39 60
111470	River Branch.....	"	11	Wm. Fruing & Co.....	"	4	38 60
103946	Robin.....	"	12	Robin, Jones & Whit- man	"	4	39 60
103587	Romulus.....	"	19	W. S. Loggie Co.....	Chatham.....	5	53 50
92404	Rosa.....	"	17	Fredk. Lanteigne.....	Caraquet.....	4	44 60
100908	Rosalie.....	"	10	Harry Rive	"	4	37 60
100773	Rupert.....	"	12	Eustazade L. Albert..	"	4	39 60
116972	St. André.....	"	15	André A. Aché.....	Lameque.....	4	42 60
111469	St. John.....	"	13	Jean Aché.....	"	4	40 60
112167	St. Joseph.....	"	10	Raphael Gionet.....	Caraquet.....	4	37 60
103008	St. Joseph.....	"	12	Eugène Gauvin.....	Lameque.....	4	39 60

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LIST of Vessels which received Fishing Bounty, &c.—New Brunswick—*Continued.*GLOUCESTER COUNTY—*Concluded.*

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	Number of Crew paid.	Amount of Bounty paid. \$ cts.
107776	St. Peter....	Chatham..	12	Jos. F. Aché....	Lameque.....	5	46 50
130660	St. Sauveur..		18	Isaie Chiasson.....	".....	6	39 40
116473	St. Anne....		14	O. Chiasson Sr.....	".....	5	48 50
117187	Ste. Anne....		13	Jean P. Noel.....	".....	4	40 60
117189	Ste. Cecelia ..		13	Gelas Aché.....	Lit. Lameque....	4	40 60
122051	Ste. Julie....		12	Marcelin J. Noel. .	Lameque.....	4	39 60
74401	Sara.....	"	11	Francis S. Doiron...	Caraquet.....	5	45 50
100907	Sarah.....	"	10	F. T. B. Young.....	".....	5	44 50
117190	Saturn.....		10	Dominick Blanchard..	Mizonette.....	5	44 50
103584	Saxon		13	Jos. Baudin.....	Caraquet.....	4	40 60
100959	Sea Bird.....		10	W. S. Loggie Co....	Chatham.....	5	44 50
100901	Sea Flower..		12	J. P. Lanteigne.....	Caraquet.....	4	39 60
100914	Sea Flower..		11	Robin, Jones & Whit- man.....	".....	4	39 50
96731	Sea Star.....		13	Jos. N. LeBouthillier.	".....	4	40 60
100961	Silver Moon..		14	W. S. Loggie Co....	Chatham.....	4	41 60
100788	Sir Charles..		11	Napoleon E. Gionet..	Caraquet.....	4	38 60
122060	Spark.....		10	Wm. Fruing & Co. .	".....	3	30 70
100963	Stanley.....		10	André D. Gionet....	".....	4	37 60
103087	Stanley	"	10	Jos. Chiasson (J)....	Island River ..	4	37 60
103767	Stella Maris.		19	Robin, Jones & Whit- man.....	Caraquet.....	4	46 60
130658	Stevenson..		19	Jos. LaCroix.....	".....	4	46 60
122056	Sunbeam.....		14	Wm. Fruing & Co. .	".....	5	48 50
111845	Superior.....		14	Robin, Jones & Whit- man.....	".....	5	48 50
103947	Swallow.....		13	Marcin Doiron.....	".....	5	47 50
103006	Swallow..		11	Wm. Fruing & Co. .	".....	4	38 60
103762	Swan		14	".....	".....	4	41 60
100986	Swift.....		11	Fabien Chiasson Sr ..	Island River....	4	38 60
100777	Teutonic.....	"	11	W. S. Loggie Co....	Chatham.....	4	38 60
96738	Three Brothers.	"	12	Jean S. Albert.....	Caraquet.....	4	39 60
117184	Three Brothers.		15	Docithé Chiasson....	Shippegan.....	5	49 50
100918	Tickler.....	"	12	Robin, Jones & Whit- man.....	Caraquet.....	5	46 50
112159	United Empire..	"	17	T. O. LeBouthillier..	".....	5	51 50
103285	Valkyrie	"	12	Jos. F. Hebert....	".....	4	39 60
103775	Victoria....	"	16	W. S. Loggie Co....	Chatham.....	4	43 60
117183	Vina	"	14	Jacques Noel.....	Lameque.....	4	41 60
100995	Voltaire.....	"	10	Luc Mailloux.....	Caraquet.....	5	44 50
100966	Von Moltke....		11	Pierre J. Frigot.....	".....	4	38 60
103588	Vulture.....	"	13	W. S. Loggie Co....	Chatham.....	4	40 60
122054	White Fish....	"	13	Eutrope Chiasson....	Lameque.....	4	40 60
100953	White Wings....	"	10	F. T. B. Young.....	Caraquet.....	4	37 60
100973	World's Fair....		11	".....	".....	4	38 60
103079	Wren.....	"	11	Jos. B. Paulin.....	".....	3	31 70

KENT COUNTY.

122629	Cluster.....	Chatham..	10	Geo. Gallant.....	Rexton.....	2	23 80
126771	Dorothy F.....	Richibucto.	12	W. E. Forbes	Richibucto.	2	25 80
116688	Harry Dickson....	"	10	".....	".....	2	23 80
130663	Herb Curwin....	"	10	John Curwin.....	".....	3	30 70
130662	Jardineville....	"	10	Albt. J. Arseneau...	Jardineville.....	2	23 80
116689	Joseph Doucett..	"	10	Alexr. Doucett.....	".....	2	23 80
130664	Lapewalem....	"	10	Jos. Doucett.....	Rexton.....	2	23 80
116476	Mary Beatrice....	Chatham..	10	Thos. A. Savoie.....	Ructouche..	1	16 90
116684	Ocelot.....	Richibucto	11	W. E. Forbes.....	Richibucto	3	31 70
130661	Richibucto Pearl..	"	12	Clovis Mazerolle....	Peter's Mills.....	2	25 80

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List of Vessels which received Fishing Bounty, &c. —New Brunswick--Continued.

KENT COUNTY—Concluded.

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew paid.	Amount of Bounty paid. \$ cts.
126773	S. and G.	Richibucto..	10	Sylvester Gray.....	St. Charles.	1	16 90
126779	Sagua.....	"	10	Canille Blanchard..	"	3	30 70
126777	Samuel G.	"	10	Andrew Loggie.....	Dalhousie..	1	16 90
116685	Sea Adder.....	"	10	W. E. Forbes.....	Richibucto..	3	30 70
126772	Sylvalee	"	10	James Legooof.....	"	2	23 80
126778	303	"	10	W. E. Forbes.....	"	2	23 80
126774	Wawota.....	"	11	Wm. H. Long.....	"	2	24 50

NORTHUMBERLAND COUNTY.

96725	Bessie T.	Chatham..	10	Donald Loggie.....	Burnt Church....	3	28 70
126780	Cormier.....	"	10	Robt. R. McLean....	Chatham..	1	16 90
130338	Financier.....	"	10	Bernard Williston..	Bay du Vin....	2	23 80
122622	Gander.....	"	10	Harold Williston..	"	2	23 80
130333	Maggie Swift.	"	11	Gordon Murdoch. ...	Loggieville..	2	21 80
92420	Mary Louise.....	"	13	Donald Loggie.....	Burnt Church. ...	3	33 70
116683	Plum	"	10	Michael J. Jimmo..	Escuminac ...	3	30 70
100952	Replevin	"	10	Henry Albert.....	Negunac	4	37 60
130334	Shrub	"	10	Wm. G. Mills.....	Hardwick	2	23 80
130340	Skidoo	"	11	Harrison Murdoch..	Loggieville.	2	24 80
122495	Victory.....	"	10	L. Williston	Bay du Vin. ...	2	23 80
126252	White Cap	"	11	Wm. Jimmo.....	Escuminac... ..	3	31 70

PROVINCE OF PRINCE EDWARD ISLAND.

KINGS COUNTY.

112021	Annie M.	Canso.....	29	Thomas Poole	Souris.....	5	63 50
94643	Carrie M. C	Lunenburg ..	39	Allan McLeod.....	Murray Harbour.	7	87 30
122086	Florence.....	Charlottetown..	14	Philip Billard.....	"	2	27 80
116398	Francis D. Cook..	"	47	Herbert Cahoon.....	"	6	88 40
122081	Frank.....	"	10	Jos. M. Cheverie. ...	Souris.....	4	37 60
107330	*Gertie M. Starr..	Halifax.....	16	Joseph White.	Beach Point	3	37 45
126063	John G. Scrimgeour	Charlottetown..	14	Herbert Williams. ...	Murray Harbour.	2	27 80
107751	*Minnie Laura....	"	31	Reuben Penny. ...	"	6	73 90
107751	Minnie Laura.....	"	31	"	"	4	58 60
107985	*Muriel	Shelburne	25	Silas Sencabaugh.....	Beach Point....	4	53 60
100696	Marion Emerson..	Pictou.....	30	Percy White	Murray Harbour.	6	71 40
107985	Muriel	Shelburne	25	Silas Sencabaugh. ...	"	2	38 80
116296	*Outlook	Charlottetown..	21	Hugh Jackson....	"	5	56 75
116296	Outlook	"	21	"	"	5	55 50
112378	Olive S.	"	26	David Gosbee.....	"	3	46 70
122085	Silver Spray	"	16	Wm. Johnston	Montague.....	3	36 70
107770	Success	"	15	Jno. W. Jenkins....	Murray Harbour.	2	28 80

PRINCE COUNTY.

117093	Alaska.....	Arichat.....	10	S. D. Arsenault.....	Roxbury.....	4	37 60
116513	Laurie H.	Lunenburg ..	16	Wm. C. Leavitt.....	Alberton.....	3	36 70
100580	Maggie E. C.....	"	20	Jas. Mountain.	Malpeque	3	40 70
96770	O. L. B.	Charlottetown..	12	Jas. McNeill.	"	3	32 70
112125	Pearl	Lunenburg	14	Michael J. Kinch....	Alberton.....	5	48 50
103592	Rosamond.....	Charlottetown..	18	Geo. A. Champion..	Malpeque.....	3	38 70
107760	Western Prince ..	"	10	Jno. M. Arsenault..	Palmer Road....	5	44 50

*For 1911.

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LIST of Vessels which received Fishing Bounty, &c.—Prince Edward Island—*Con.*

QUEENS COUNTY.

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew paid.	Amount of Bounty paid.
							\$ cts.
100445	Carrie O.....	Canso.....	12	Thos. Hiscott, Sr....	Stanley Bridge....	3	32 70
107330	Gertie M, Star....	Halifax.....	16	Joseph White.....	Murray Harbour..	3	36 70
107763	Guinea.....	Charlottetown..	10	Boyce Harding....	French River.....	3	30 70
96936	Katie & Ella.....	"	20	Alex. McLaughlin..	Stanhope.....	6	61 40
130343	Libby P.	"	11	Jos. Pineau.....	North Rustico....	5	45 50
103532	Maria A.....	"	22	Jos. C. Gallant et al.	"	5	56 50
120068	Mary E. Spears....	"	10	David Spears et al..	French River.....	3	30 70
92745	Surprise.....	"	18	Frank Pidgeon.	"	5	52 50
100474	R. Beatrice.....	"	19	Jonathan Delaney...	"	3	39 70

PROVINCE OF QUEBEC.

GASPE COUNTY.

85409	A. C. Mulhall	Magdalen Islds..	30	Eastern Canada Fish- ery Co.....	Grindstone	8	85 20
116294	Charlotte S.....	Charlottetown...	14	Jno. Cassidy.....	Amherst, M. I....	4	41 60
71357	Emma Gidney....	Halifax,	48	Louis Damour.....	House Harbour...	7	96 30
85400	Minnie M.	Magdalen Islds..	13	Honoré Cormier....	Amherst, M. I....	5	47 50
85399	Minnie May.....	Halifax.....	10	Wm. Boudreau	"	4	37 60
85408	Onato	Magdalen Islds..	35	Luc Boudreault	Cap Vert.....	4	62 60
92571	Primrose.....	Halifax.....	14	Fortune Cormier....	Amherst, M. I....	5	48 50
111430	Shamrock	"	23	Alfred V. Vigneau...	"	5	57 50

SAGUENAY COUNTY.

107671	Marie Ange ...	Quebec.	87	Chas. Gagné.....	Metis.....	4	107 60
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APPENDIX No. 3.**NOVA SCOTIA**

District No. 1.—Comprising the four counties of Cape Breton Island. Inspector A. G. McLeod, Whitney Pier.

District No. 2.—Comprising the counties of Cumberland, Colchester, Pictou, Antigonish, Guysboro, Halifax and Hants. Inspector R. Rockin, Pictou.

District No. 3.—Comprising the counties of Kings, Annapolis, Digby, Yarmouth, Shelburne, Queens and Lunenburg. Inspector, Ward Fisher, Shelburne.

REPORT ON THE FISHERIES OF DISTRICT No. 1.

To the Superintendent of Fisheries,
Ottawa.

SIR,—I have the honour to submit my first annual report as fishery inspector for District No. 1 (the island of Cape Breton), province of Nova Scotia, for the year ended March 31, 1913, together with tabulated statements showing the quantities and values of fish caught in the several counties of the district, and the material used and persons employed in the fisheries.

Richmond county.—The fishery in this section of the island, generally speaking, was not quite up to the average due (a) to unfavourable weather conditions, (b) scarcity of bait, (c) the young men giving up fishing and seeking employment in other lines, because of the greater opportunity to obtain ready money.

The cod fishery was below the average; mackerel and herring results were only fair, owing to the fish being too far off-shore and in the deeper waters, and because of the prevalence of dogfish; lobster returns were about the same as last season. Market prices generally ruled high.

Inverness county.—The fishery on the western shore was generally satisfactory, although the catch of cod, haddock, and hake was not as good as in 1911-12. The mackerel catch was the best in many years and the lobster returns provided, probably, a record season. Dogfish were not nearly so numerous as in former years. The oyster fishery was slack and overseers and fishermen alike are suggesting the wisdom of urging upon the department, the establishing of a close season covering a period of, at least, two or three years, so that these shell fish may have a chance to develop both as to size and quantity. The salmon fishery was above the average.

Victoria county.—An increase is reported in pollock, salmon, herring and lobsters. The inland lake sections report a slight decrease generally. Mackerel were scarce, due to the presence of dogfish. Squid were not so plentiful as in other seasons. At Cape North some of the fishermen made special preparation for the prosecution of sword fishing and did very well indeed.

Cape Breton county.—One station notes a 50 per cent increase in the lobster catch. Market prices were the highest ever obtained.

Throughout the entire district reports show that all boats and vessels have been kept in good condition and represent an asset equal, practically to their initial value. The addition is noted of one large vessel and three small craft to the fleet of the district. One small vessel retired from the business. This results in a net gain of three

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vessels over 1911-12. The reports to hand show a decrease in the number of boats of 481 from the previous season, a decrease of 13 in the number of tugs and smacks, and an increase of 35 in gasoline boats.

All overseers report that fewer attempts at illegal fishing have come under their notice, due it is believed to two parties having been heavily fined last season for infractions of the regulations governing this matter; that all millers are observing strictly the necessary care in the prevention of sawdust and mill refuse being thrown into the streams; and that the condition of all fishways is satisfactory.

I am, sir,

Your obedient servant,

A. G. McLEOD,

Inspector of Fisheries.

REPORT ON THE FISHERIES OF DISTRICT No. 2.

To the Superintendent of Fisheries,
Ottawa.

SIR,—I have the honour to submit my annual report on the fisheries of District No. 2 of the province of Nova Scotia, for the year ended March 31, 1913, together with tabulated statements showing the quantities and values of fish caught in the several counties of the district, and the material used and persons employed in the fisheries.

The aggregate value of the catch for the year is \$2,176,181; whilst the value of the catch for the previous year had been estimated at \$2,942,456, showing a decrease in value of about twenty-five per cent.

About one per cent of this decrease is attributable to a difference in the rated value of some of the fish taken.

Of the deep sea fish there is a decrease in cod of thirty per cent; of haddock of about twenty-two per cent; the catch of hake is nearly the same as reported last year; that of pollock shows a decrease of about nine per cent; of halibut a decrease of about twenty-five per cent.

The catch of mackerel is forty per cent below that of last year, and is the smallest catch reported any year since I made my first report to the Department in 1890.

The value of the herring catch is thirty per cent below that of last year.

LOBSTERS.

There is a decrease in the value, as compared with last year, of about ten per cent.

In the year 1896 the labelling of lobster cases was commenced, and the statistics of the annual pack can be checked by means of the labels; not only so, but the returns of the season's pack is made under statutory declaration by the packers, so that the statistics may be relied upon as accurate, and in this district the reports give some interesting data.

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	Cases packed.	Exported in shell.
		Cwts.
1896.....	68,352	5,810
1897.....	58,005	13,502
1898.....	55,969	18,898
1899.....	54,223	15,765
1900.....	49,144	13,374
1901.....	51,586	16,160
1902.....	46,994	14,925
1903.....	42,343	12,551
1904.....	43,448	15,949
1905.....	42,931	31,841
1906.....	41,863	9,889
1907.....	38,999	15,880
1908.....	38,071	7,496
1909.....	42,216	7,820
1910.....	35,234	9,078
1911.....	37,555	15,041
1912.....	33,774	15,041

That the decline has been greater upon the Atlantic coast than on the Strait of Northumberland, will be seen in the following resume of the catch since 1896. The figures given in pounds as in the reports.

	County of Guysboro.		County of Halifax	
	Canned.	Exported in shell.	Canned.	Exported in shell.
	Lbs.	Cwt.	Lbs.	Cwt.
1896.....	836,416	520	751,967	5,220
1897.....	933,572	1,140	537,552	12,197
1898.....	915,960	811	590,352	18,063
1899.....	825,936	2,252	473,384	13,073
1900.....	901,028	3,930	480,520	9,222
1901.....	672,240	3,168	440,784	12,842
1902.....	583,496	2,392	416,854	12,315
1903.....	543,196	673	432,624	9,563
1904.....	533,852	2,009	433,621	10,810
1905.....	494,500	9,875	407,380	21,541
1906.....	487,220	2,551	379,632	7,141
1907.....	401,878	3,429	322,488	11,297
1908.....	402,116	3,600	363,360	3,719
1909.....	298,436	2,982	252,508	4,588
1910.....	335,472	3,691	295,276	4,832
1911.....	350,064	6,688	273,312	7,853
1912.....	332,880	3,679	226,080	10,963

Counties bordering on the Strait of Northumberland.

—	Cumberland.	Colchester.	Pictou.	Antigonish.
	Lbs.	Lbs.	Lbs.	Lbs.
1896.	492,674	17,048	502,373	183,760
1897.	490,952	20,688	495,816	207,860
1898.	500,524	1,440	417,236	164,256
1899.	489,168	20,208	419,376	130,848
1900.	399,000	36,722	500,382	158,036
1901.	488,352	39,120	479,080	136,128
1902.	435,792	49,872	413,184	128,256
1903.	447,648	33,552	462,432	166,032
1904.	402,216	37,248	457,920	175,816
1905.	375,936	36,480	512 740	182,384
1906.	363,972	33,264	470,536	137,328
1907.	463,296	38,976	432,912	171,888
1908.	515,328	53,856	532,560	159,168
1909.	511,152	*None.	472,320	156,180
1910.	495,216	28,272	531,888	145,488
1911.	506,832	23,276	548,640	184,560
1912.	357,072	15,120	481,392	208,608

*One factory removed to Cumberland Co.; the other not operated.

There are no lobsters exported fresh in shell from the Strait.

It will be seen from the foregoing that the fishery has kept up better in the county of Pictou, than in any other portion of the district, and it is a fair assumption that this is in a measure due to the fact that a lobster hatchery has been in operation for many years.

It should be remembered also, when considering the decline of the fishery, that the use of motor boats enables fishermen to cover a greater area and fish a larger number of traps than formerly.

SALMON.

The returns show a decrease in the value of the catch of about ten per cent; this decrease was largely in the western portion of Halifax county. In the county of Guysboro the decrease was about fourteen per cent; while on the Strait of Northumberland there was an increase of about fifteen per cent; and on the Bay of Fundy an increase of about ten per cent.

The rivers, during the spawning season, were not in a favourable condition; the water being low until about the last of October.

SHAD.

This valuable fish is becoming scarcer every year, and the quantity reported this year is the smallest on record.

The prevention of fishing during the time the fish are in the rivers for spawning, is apparently the only remedy, and one which should be applied promptly.

SMELTS.

Notwithstanding the very short period during which fishing through the ice could be carried on, there were more of these fish taken than last year.

ALEWIVES.

Appear to be decreasing rapidly. Very few of these are taken now on the Atlantic coast.

There were thirty-five prosecutions for violation of the Fisheries Act during the year and convictions obtained in thirty-one cases.

I regret to report the death, by drowning, of three fishermen during the year.

I am, sir,

Your obedient servant,

R. HOCKIN.

Inspector of Fisheries.

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REPORT ON THE FISHERIES OF DISTRICT No. 3.

To the Superintendent of Fisheries,
Ottawa.

SIR,—I respectfully present the fisheries statistical reports for District No. 3, comprising the counties of Lunenburg, Queens, Shelburne, Yarmouth, Digby, Annapolis and Kings. The statistics have been prepared with unusual care, and can be fairly relied on as presenting a correct account of the catch and value of the catch.

The year has been unusually trying on the fishermen. In the early part of the season bad storms prevented profitable operations. Scarcity of bait prevailed during the summer months. Many of the fishing vessels cruised for weeks in search of a supply. The latter part of the season, from December 15, a succession of heavy storms destroyed much gear, and prevented a successful operation.

There is a decrease in the total estimated marketed value of the catch from \$5,435,779 reported last year to \$4,294,657 this year, a decrease of \$1,141,122. A brief summary will perhaps be valuable in this connection.

LOBSTERS.

The total catch was 129,222 cwts., as against 175,310 for the preceding year, a decrease of 46,088 cwts. Shelburne reports a decrease of 8,334 cwts. Yarmouth a decrease of 38,486 cwts.. Lunenburg a decrease of 1,641 cwts. Queens a decrease of 1,768 cwts. Digby shows an increase of 6,021 cwts. In Annapolis and Kings the decrease was about 50 per cent. The Yarmouth decrease is very marked, from 89,407 cwts. to 50,921 cwts.

It can easily be seen that the lobster fishing season has been disastrous. The heavy weather of the spring fishing of 1912, and the succession of fierce gales during the winter season of 1912-13 caused much damage. In many districts the loss of traps was fully fifty per cent, and resulted in the suspension of fishing operations. As a consequence an extension of ten days was granted. The prices have been good. Over \$50 per crate has been netted on shipments of live lobsters. The price of 'shack,' or lobsters under nine inches, has reached the highest point known, 8½ cents per pound. This was brought about by the anxiety of the canners to secure a fair pack, as the first part of the season the catch hardly paid expenses. In connection with the general report of scarcity of large lobsters, it may be of interest to note that one factory alone used 268,848 small lobsters.

COD AND HADDOCK.

The catch of cod and haddock shows a decrease of 310,394 cwts. The figures are 928,975 cwts. for the past year as against 1,239,369 the preceding year. The total marketed value last year was \$1,810,310 as compared with \$2,578,382 the preceding year. The Lunenburg catch fell short 180,863 cwts., as compared with the exceptional catch of the preceding year. The total Lunenburg figures may be of interest. This year the catch was 528,850 cwts., as against 709,713 cwts.

This great decline in the catch of the Lunenburg banking fleet was due to the scarcity of bait and rough weather. The regular bait grounds were almost barren, and the vessels vainly cruised for weeks seeking a supply. The price for dried fish ruled somewhat lower than the preceding year, being about \$5.50 per quintal. In connection with the dried fish statistics it may be noted that a considerable portion is prepared for the boneless trade, which is rapidly growing in importance.

MACKEREL.

The statistics of the mackerel catch are noteworthy. The past year the catch was 45,263 cwts., as compared with 8,899 cwts. the preceding year. These figures show an

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increase in the catch of 36,364 cwts, and an increase in the marketed value of \$150,188.

Shelburne shows an increase of 12,346 cwts. Yarmouth an increase of 14,080 cwts. Digby an increase of 5,610 cwts. Queens an increase of 1,837 cwts. Digby had the first catch of any quantity for many years, the fishermen attributing it to the fact that sawdust was not allowed to pollute St. Mary's bay. The Lunenburg catch was a great disappointment.

The mackerel was very plentiful and much larger catches could have been made, had the fishermen been prepared. This is particularly true of the Woods Harbour and Clark's Harbour districts of Shelburne, where the fish continued close to the shore for some weeks. Some of the net fishermen took 2,000 fish per day. In these two districts alone, with the use of traps, \$100,000 worth of mackerel could have been secured. Immense schools were reported off shore, and a decided change in methods should be made in operating this important fishery. It is well to note that the greater portion of the catch was sold fresh, to the American dealers, where good prices and ready markets prevailed.

HERRING.

The total catch was 218,105 cwts., as against 180,033 the preceding year, showing an increase in the catch of 38,072 cwts. The principal increase was in Shelburne, 81,222 cwts., as compared with 51,009 cwts. It will be noted that the prices are very low. Fresh selling at \$1 per cwt., and pickled from \$2.50 to \$4.50 per barrel. The low price secured for fresh herring in view of the great scarcity of bait, and the ready market for frozen fish, is accounted for by the absence of cold storage and transportation facilities.

ALEWIVES.

There was the large increase of 11,019 cwts., in the catch of alewives, the figures being 29,391 cwts., as compared with 18,372 cwts., the preceding year. Yarmouth is responsible for the chief increase, the catch being 24,869 cwts., as against 11,918 cwts., the preceding year. Kings shows an increase of 735 cwts. Alewives are a good bait and a fairly good fish for food. The usual low price is due to the small and uncertain catch, and the lack of ready storage facilities.

Hake and cusk increased 32,780 cwts., while pollock shows a decrease of 89,210 cwts. Halibut decreased 13,851 cwts. The smelt and shad catch were very small. Smelt decreased from 1,263 cwts. to 408 cwts., and shad from 411 cwts. to 252 cwts.

SHELL FISH.

Clams increased from 16,566 barrels to 20,043 barrels, chiefly in Digby and Annapolis. Winkles and scallops are new entries in the statistical forms. Of the 1,658 cwts. reported, 658 represent the winkles in Digby, having a marketed value of \$1,645, and the remaining 1,000 cwts are scallops, from Tancock island, Lunenburg. This is an important and valuable shell-fish, and needs protection against the present wasteful fishing methods. A close season for the spawning months, and a size limit of three inches, would be of benefit. The catch last year was about 500,000 by count.

INLAND FISHERIES.

The returns are obviously incomplete, and cannot show the value of these fisheries, as large catches are annually made by sportsmen and others, from whom no returns are received. The lamentable condition of the rivers and streams from a fishing point of view is to be deplored, and demands most earnest consideration.

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MEN AND MATERIAL.

The gathering of these statistics has been carefully made, and important changes will be noted. The total value of fishing property shows an increase of \$906,455 over that of the preceding year. The figures are \$3,814,536 as compared with \$2,908,081 for the preceding year. The value of Lunenburg property has been greatly underestimated. Lunenburg town alone possessing more than was formerly reported for the whole county. About thirty new vessels were added the past year to the banking fleet from this county, and forty smaller vessels were added to the off-shore fleet, making a total of 177, with a valuation of \$1,440,320. In view of this addition to the Lunenburg fleet, an explanation is needed as to the cause for the actual decrease in the number of vessels reported for the whole district, 373 as compared with 399 the preceding year. A considerable number of large boats, throughout the district, were formerly reported as vessels, and there was a decrease of 12 vessels reported from Yarmouth county, which decrease is due to the lack of facilities for the fresh fish trade. Under present conditions it does not pay to pickle or dry fish for the market, and the result is that there is no development in the industry in Yarmouth county. The prosperity of the off-shore fisheries of the province depends on the facilities for handling and marketing fresh fish. There is little or no market in Yarmouth county, and the fishermen are not in love with the expense and labour of drying or pickling their catch. And there will be no betterment in the industry in this section without cold storage facilities and improved transportation. The Pubnicos would afford a centre for the operation of a plant, and with proper rail connections could market the goods on practically equal terms with Digby, where a large trade has been developed in connection with the smoked fish and finnan haddie business.

There is a large decrease in the reported number of freezers and ice houses, smoke and fish houses, and piers and wharfs, which is accounted for by a greater discrimination in gathering the statistics.

The number of men employed in vessels and tugs, 4,161 shows a slight increase over the preceding year. The Lunenburg fleet employs 2,713 men. The number employed in boats, 7,400 is an increase of nearly 380. The great falling off in the number employed in fish houses, freezers and canneries, 1,892 as compared with 3,337 the preceding year, is accounted for by the former practice of duplication of men otherwise enumerated, and by counting helpers of a most temporary character. The total number of persons employed in the industry is 13,453, as against the 14,417 reported last year.

PATROL BOAT SERVICE.

The service of last year has been satisfactory. The close lobster season was well observed, and has gained the hearty support of the fishermen by the general and indiscriminating nature of the service. Men who were outspoken against the activity of the service have expressed satisfaction over its success, and others who held to the impossibility of such law enforcement are now ardent believers in its possibilities. The enlargement and perfecting of this service cannot be too strongly recommended, particularly in connection with the lobster industry.

The officers are to be commended for their activity and zeal in the service.

I am, sir,

Your obedient servant,

WARD FISHER,

Inspector of Fisheries.

4 GEORGE V., A. 1914

DISTRICT

RETURN showing the Number of Fishermen, etc., the Number and Value of Vessels and Industry in the county of **Richmond**, province of

Number.	Fishing Districts.	Fishing Vessels, Boats, Tugs, etc.										Fishing					
		Vessels.				Boats.				Tugs, Smack, &c.		Gill Nets.		Trap Nets.			
		Number.	Tons.	Value.	Men.	Sail.	Value.	Gasoline.	Value.	Men.	Number.	Value.	Men.	Number.	Value.	Number.	Value.
	<i>Richmond County.</i>			£			£		£		£			£		£	
1	Fourchu, Framboise & vicinity	1	47	2000	3	126	2828	5	1950	200	3	2300	7	200	1600	..	....
2	Grand River and vicinity . . . . .	..	..	..	..	124	3532	1	450	152	4	1900	6	600	4800	..	....
3	Point Michaud & L'Ardoise . . . . .	..	..	..	..	360	22260	4	2250	347	2	600	3	2800	22400	1	1200
4	Rockdale and Grand Grève . . . . .	..	..	..	..	139	6246	1	450	184	2	700	2	1070	8560	..	....
5	St. Peters & River Bourgeois	14	495	19800	108	28	460	4	1800	37	4	2900	14	18	90	..	...
6	Louisdale & River Inhabitants	1	25	800	6	22	360	..	..	53	..	..	..	53	350	..	....
7	Ports Richmond & Malcolm	2	87	3000	12	25	375	..	..	78	..	..	..	40	200	..	....
8	West Bay . . . . .	..	..	..	..	9	107	..	..	16	..	..	..	..	..	..	....
9	Isle Madame	23	473	7650	96	306	2400	10	1465	322	6	500	12	3000	15000	1	1500
	Totals	41	1127	33250	225	1139	38568	25	8365	1389	21	8900	44	7783	53000	2	2700

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No. 1.

Boats, and the Quantity and Value of all Fishing Gear, etc., used in the Fishing Nova Scotia, during the year 1912-13.

Gear.								Canne- ries	Other Material.						Persons employed in Canneries, Freezers and Fish-houses.	Number.	
Smelt Nets.		Trawls.		Hand Lines.		Lobster Traps.		Lobster Canne- ries.	Freezers and Ice- houses.		Smoke and Fish- houses.		Piers and Wharves.				
Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.		
	\$		\$		\$		\$		\$		\$		\$		\$		
.....	.....	.....	.....	150	60	10000	7500	1	2000	.....	.....	16	560	9	630	.....	24
.....	.....	.....	.....	100	40	12000	6000	1	1000	.....	.....	30	1000	.....	.....	.....	23
.....	.....	12	100	797	318	4500	4375	1	500	.....	.....	140	5180	4	190	.....	32
.....	.....	4	40	280	111	4000	3000	1	1000	1	2650	33	990	2	120	.....	23
25	125	300	210	400	200	1200	900	1	1000	.....	.....	13	4500	1	4100	.....	47
14	750	5	25	55	28	100	75	..	...	.....	.....	1	150	.....	.....	.....	6
.....	.....	.....	.....	50	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
.....	.....	10	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
21	185	425	1780	315	315	22700	22700	5	1800	2	700	189	2200	84	2170	.....	126
60	1060	756	2205	2147	1097	54500	44550	10	7300	3	3150	422	14586	100	7210	.....	275

RETURN showing the Number of Fishermen, etc.; the Number and Value of Vessels Industry in the County of Cape Breton, Province

Number.	Fishing Districts.	Fishing Vessels, Boats, Tugs, Etc.											Fishing		
		Vessels.				Boats.					Tugs, Smacks, &c.		Gill Nets.		
		Number.	Tons.	Value.	Men.	Sail.	Value.	Gasoline.	Value.	Men.	Number.	Value.	Men.	Number.	Value.
				\$		\$		\$			\$			\$	
1	North Sydney, Sydney, Glace Bay, Langan and vicinity	8	123	550	43	92	3065	3	750	160	...	...	...	131	630
2	Port Morien and vicinity	...	...	...	...	34	1275	18	3600	84	3	550	6	227	1941
3	Upper North Sydney, Long Island and Leitches Creek	...	...	...	...	15	230	1	300	28	...	...	...	54	270
4	Main a-Dieu, Lorraine and Mira Bay.	4	75	2800	20	44	1121	3	295	104	3	680	6	151	1545
5	Gabarouse and vicinity	...	...	...	...	74	5260	3	1500	178	4	2100	8	360	2520
6	Scatarie Island	...	...	...	...	14	2800	11	3850	40	...	...	...	110	1100
7	Little Bras d'Or	2	24	700	9	20	1000	2	600	50	3	1500	6	80	320
8	Louisburg and vicinity	1	46	1200	7	57	2500	2	500	82	3	1800	6	...	...
Totals		15	268	5250	79	350	17251	43	11395	726	16	6630	32	1113	8326

SESSIONAL PAPER No. 22

and Boats, and the Quantity and Value of all Fishing Gear, etc., used in the Fishing of Nova Scotia, during the Year 1912-13.

Gear.										Canneries.	Other Material.						Persons employed in Canneries, Freezers and Fish-houses.	Number.	
Trap Nets.		Smelt Nets.		Trawls.		Hand Lines.		Lobster Traps.		Lobster Canneries.	Freezers and Ice-houses.		Smoke and Fish houses.		Piers and Wharves.				
Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.			Value.
	\$		\$		\$		\$		\$		\$		\$		\$		\$		
..	..	3	15	55	165	382	191	2300	1725	2	1000	..	..	..	..	2	250	18	1
..	..	31	155	..	..	104	72	8500	8500	3	1500	..	..	..	..	1	50	22	2
..	..	..	..	9	90	30	11	..	..	..	..	..	..	..	..	..	..	..	3
..	..	..	..	37	288	208	107	5600	3200	2	2200	3	75	30	280	8	160	119	4
1	900	15	45	..	..	120	120	9540	7155	4	1200	..	..	24	480	..	..	65	5
..	..	..	..	30	150	60	36	1500	1500	..	..	..	..	16	450	..	..	..	6
..	..	..	..	30	150	80	35	4500	4500	1	2300	1	2000	17	1000	25	2500	..	7
..	..	..	..	30	150	230	115	3950	2962	2	1700	..	..	..	..	1	300	19	8
1	900	49	215	191	993	1214	687	35890	29542	14	9900	4	2075	87	2210	37	3260	243	

4 GEORGE V., A. 1914

RETURN showing the Number of Fishermen, etc., the Number and Value of Vessels and Industry in the County of **Victoria**, Province of

Number.	Fishing Districts.	Fishing Vessels, Boats, Tugs, etc.										Gill Nets.			
		Vessels.				Boats.				Tugs, Smacks, etc.					
		Number.	Tons.	Value.	Men.	Sail.	Value.	Gasoline.	Value.	Men.	Number.			Value.	Men.
	<i>Victoria County.</i>			\$			\$		\$		\$			\$	
1	Iona, Washabuck and Little Narrows.....					77	1155			117				124	767
2	Wreck Cove to Cape Smokey.....					23	460	1	150	26	1	25	2	46	460
3	Breton Cove and vicinity to Englishtown ..					67	1340	4	1300	104				114	1140
4	Baddeck and vicinity.....					5	100			5				14	150
5	Ingonish.....	12	170	7200	60	118	3760	10	4625	275				300	1500
6	Neil's Harbour and New Haven ..					85	5018	4	1000	106				150	1500
7	White Point, Dingwall and Sugar Loaf ..	3	44	1200	12	48	1200	2	600	78	1	80	2	147	1470
8	Sparling's Brook, Bay St. Lawrence and vicinity ..					49	784	2	500	97	2	140	4	100	1000
9	Big Bras d'Or District.....					11	110	1	200	12				11	88
	Totals.	15	214	8400	72	483	13927	24	8375	820	4	245	8	1006	8075

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Boats, and the Quantity and Value of all Fishing Gear, etc., used in the Fishing
Nova Scotia, during the Year 1912-13

Fishing Gear.										Canneries.	Other Material.								Persons employed in Canne- ries, Freezers and Fish houses.	Number.
Trap Nets.		Smelt Nets.		Tra wls.		Hand Lines.		Lobster Traps.		Lobster Canne- ries.	Freezers and Ice-house.		Smoke and Fish Houses.		Piers and Wharves.					
Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.			
	\$		\$		\$		\$		\$		\$		\$		\$		\$			
				65	272	143	143							15	195	1	25	15	1	
				9	90	46	23	700	700	1	400			12	480			12	2	
5	2000			35	350	118	59	3200	3200	2	1000	2	250	41	1840			25	3	
		6	50	5	40	6	6							29	9260	13			4	
11	6600	3	30	568	3976	136	115	3000	1500	5	1300	6	4150				80950	200	5	
2	1800			36	540	385	385	2545	2545	4	1000	1	800	35	3150	2	1700	43	6	
2	1000			29	290	234	234	1750	1750	3	1200	1	300	13	3000	11	1600	42	7	
1	500			19	228	196	196	4500	4500	2	1300	1	200	12	2200			36	8	
				9	45	22	11												9	
24	11900	9	80	775	5831	1286	1172	15695	14195	17	6200	11	5700	157	20125	27	84275	373		

4 GEORGE V., A. 1914

RETURN showing the Number of Fishermen, etc., the Number and Value of Vessels and Industry in the County of **Inverness**, Province

Number.	Fishing Districts.	Fishing Vessels, Boats, Tugs, &c.										Fishing					
		Vessels.				Boats.					Tugs, Smacks, &c.	Gill Nets.		Seines.		Trap Nets.	
		Number.	Tons.	Value.	Men.	Sail.	Value.	Gasoline.	Value.	Men.	Number.	Value.	Men.	Number.	Value.	Number.	Value.
				\$			\$		\$				\$		\$		\$
1	Meat Cove, Poulet Cove and Pleasant Bay.....					28	420	12	1200	65	1 225	2	65	100	1	175	1 250
2	Cap Rouge, Eastern Harbour, Cheticamp and Grand Etang...	31	415	15600	156	99	2540	4	775	161	...	318	2900	...	...	1	250
3	Friar's Head, Margaree Harbour to Smith's Cove.....	3	120	700	15	85	1700	4	600	160	...	358	2864	...	...	...	...
4	Broad Cove, Port Ban to Mabou Harbour..					19	790	12	1380	79	...	85	680	...	...	...	...
5	West Lake Ainslie and Whycocomah Bay..					22	440	...	...	44	...	44	220	...	...	...	...
6	Little Mabou and Port Hood to Hawkesbury					60	600	55	13750	200	12 3600	12	...	...	...	1	600
7	West Bay, Malagawatch and Deny's Basin					107	1284	...	...	113	...	300	750	...	...	...	...
	Totals.....	34	535	16300	171	420	7774	87	17705	822	13 3825	14	1170	7514	1	175	3 1100

SESSIONAL PAPER No. 22

Boats, and the Quantity and Value of all Fishing Gear, etc., used in the Fishing of **Nova Scotia**, during the Year 1912-13.

Gear.								Loobster Canne- rie.	Other Material.								Persons Employed in Canneries, Freezers and Fish-houses.	Number.
Smelt Nets.		Trawls.		Hand Lines.		Lobster Traps.			Freezers and Ice houses.		Smoke and Fish- houses.		Piers and Wharves					
Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.			
	\$		\$		\$		\$		\$		\$		\$		\$			
...	...	...	...	129	67	4300	2150	3	2300	7	375	17	600	...	...	37
...	...	39	975	356	178	9540	6170	7	4600	4	1650	13	4750	12	6900	147		
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
36	144	...	...	158	158	6750	5400	1	2500	...	...	...	...	3	14000	30
...	...	...	...	48	48	...	...	...	...	...	...	...	...	...	...	5
30	100	60	500	...	...	22000	22000	6	4000	3	33000	1	200	8	40000	65
4	8	88	88	245	75	...	...	...	...	...	...	13	140	...	...	7
70	252	187	1560	936	526	42590	35720	17	13400	14	35025	44	5690	23	60900	279		

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the County of Richmond, Province of Nova Scotia, during the Year 1912-13.

Number.	Fishing Districts.	Salmon, cwts.*	Salmon, value.	Lobsters, cwts.	Lobsters, value.	Cod, cwts.	Cod, value.	Haddock, cwts.	Haddock, value.	Hake and cusk, cwts.	Hake and cusk, value.	Pollock, cwts.	Pollock, value.	Herring, cwts.	Herring, value.	Mackerel, cwts.	Mackerel, value.	Shad, cwts.	Shad, value.	Alewives, cwts.	Alewives, value.	Number.
<i>County of Richmond.</i>																						
1	Fourchu, Framboise and vicinity.....	38	380	2890	14450	1275	1275	81	81	...	...	87	65	87	108	912	8648	...	...	...	...	1
2	Grand River and vicinity...	...	...	1689	8445	417	417	24	24	...	...	27	20	...	...	837	3348	...	...	...	...	2
3	Point Michaud and L'Ardoise.....	12	120	300	1500	4070	4070	6165	6165	...	...	1265	948	2048	2560	1565	18260	...	...	9	9	3
4	Rockdale, Grande Grève and Barra Head.....	2	20	1030	5150	880	880	381	381	...	...	102	77	2903	3628	1441	5764	...	...	...	...	4
5	St. Peter and Riv. Bourgeois	1	10	965	4825	10296	10296	651	651	...	...	99	68	120	150	1050	4200	...	...	...	...	5
6	Louisdale and River Inhabitants.....	...	...	...	...	60	60	...	...	...	...	...	...	1101	1376	150	600	...	...	...	...	6
7	Ports Richmond and Malcolm.....	...	...	...	...	3483	3483	...	...	...	...	...	...	2001	1500	900	3600	...	...	12	12	7
8	West Bay.....	...	...	...	...	90	90	...	...	...	...	...	...	192	240	...	...	...	...	...	...	8
9	Isle Madame.	45	450	3720	18600	5200	5200	21814	21814	895	670	640	480	1800	2250	727	2908	...	...	...	...	9
Totals.....		98	980	10594	52970	25776	25776	29116	29116	895	670	2211	1658	19252	11812	10582	42324	21	21	

Cwt. = 100 lbs.

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THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the County of Richmond, Province of Nova Scotia, during the Year 1912-13—*Concluded.*

Number.	Fishing Districts.	Halibut, cwt.	Halibut, value	Flounders, cwt.	Flounders, value.	Smelts, cwt.	Smelts, value.	Trout, cwt.	Trout, value.	Eels, cwt.	Eels, value.	Tom-cod, cwt.	Tom-cod, value.	Swordfish, cwt.	Swordfish, value.	Mixed fish, cwt.	Mixed fish, value.	Squid, cwt.	Squid, value.	Clams, cwt.	Clams, value.	Number.
<i>County of Richmond.</i>																						
1	Fourchu, Framboise and vicinity.....	19	114															13	30	30	90	1
2	Grand River and vicinity....																	1	3	4	12	3
3	Point Michaud and L'Ardoise	15	90											97	388			37	111			3
4	Rockdale, Grande Grève and Barra Head.....	7	42											87	348							4
5	St. Peter and Riv. Bourgeois	28	168	15	15	82	492			15	30							50	150	36	108	5
6	Louisdale and River Inhabitants.....					100	600															6
7	Ports Richmond and Malcolin.....																					1-7
8	West Bay.....											20	20									8
9	Isle Madame.....	6	36			175	1050			60	120	635	635					49	147			9
Totals.....		75	450	15	15	357	2142			75	150	655	655	184	736			150	450	70	210	

Cwt. = 100 lbs.

THE CATCH MARKETING.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state, for the County of Richmond, Province of Nova Scotia, during the year 1912-13.

Number.	Fishing Districts.	Salmon, fresh and frozen, cwts.*	Salmon, canned, cases.	Salmon, salted, cwts.	Lobsters, canned, cases.	Lobsters, shipped in shell, cwts.	Cod, fresh, cwts.	Cod, shipped green salted, cwts.	Cod, dried, cwts.	Haddock, fresh, cwts.	Haddock, smoked, cwts.	Haddock, dried, cwts.	Hake and cusk, fresh, cwts.	Hake and cusk, dried, cwts.	Pollock, fresh, cwts.	Pollock, dried, cwts.	Herring, fresh, cwts.	Herring, smoked, cwts.	Number.
County of Richmond.																			
1	Fourchu, Francoise and vicinity				1001	388	17		420							29			1
2	Grand River and vicinity	28	14		652	59			139	3						9	12		2
3	Point Michaud and L'Ardoise	12			123		376	584	842	2295		1290			200	355	234		3
4	Rockdale, Grand Grève and Barra Head	2			415		325	27	168	99		94			78	8			4
5	St. Peters and River Bourgeois	1			387				3432			217				30			5
6	Louisdale and River Inhabitants								20										6
7	Ports Richmond and Malcolm								1161										7
8	West Bay								30										8
9	Isle Madame	45			1487	12	3823		459	17404		1470	895		640				9
	Totals	88	14		4065	459	4541	611	6671	19801		3105	895		918	431	246		
	Rates	\$ 12 00	7 00		18 00	10 00	2 00	2 50	5 50	2 00		4 25	1 50		1 50	4 00	1 00		
	Values	\$ 1056	98		73170	4590	9082	1527	36690	39602		13196	1342		1377	1724	246		

*Cwt. = 100 lbs.

SESSIONAL PAPER No. 22

THE CATCH MARKETING.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state, for the County of Richmond, Province of Nova Scotia, during the year 1912-13.

Number.	Fishing Districts.	Herring, pickled, brls.	Herring, used as bait, brls.	Herring, used as fertilizer.	Mackerel, fresh, cwts.	Mackerel, salted, brls.	Alwives, salted, brls.	Halibut, fresh, cwts.	Flounders, fresh, cwts.	Smelts, fresh, cwts.	Eels, fresh, cwts.	Tom-cod, fresh, cwts.	Swordfish, fresh, cwts.	Mixed fish, fresh, cwts.	Squid, used as bait, brls.	Clams and quahogs, fresh, brls.	Tongues and sounds, pickled, and dried, cwts.	Fish oil, gals.	Number.
	County of Richmond.																		
1	Fourchu, Francoise and vicinity					304		19							13	30			340
2	Grand River and vicinity	21	6			279									1	1			100
3	Point Michaud and L'Ardoise	598	10		1136	1143	3	15					97		35				1015
4	Rockdale, Grand Grève and Barra Head	775	289		841	200		7					87						192
5	St. Peters and River Bourgeois	40				350		28	15	82	15				50	36			1600
6	Louisdale and River Inhabitants	367				50				100									6
7	Port Richmond and Malcolm	667				300	4												600
8	West Bay	60	6									20							2
9	Isle Madame	132	252		400	109		6		175	60	635			49				3
	Totals	2360	563		2377	2735	7	75	15	357	75	655	184		150	70			3847
	Rates	5 00	2 00		5 00	12 00	4 00	8 00	1 00	8 00	5 00	1 00	5 00		3 00	3 00			30
	Values	14800	1126		11885	32820	28	600	15	2856	375	655	920		450	210			1154

Total value \$251,594

RETURN showing the Quantities and Values of all Fish caught and landed in a the year

Number.	Fishing Districts.	Salmon *cwts.	Salmon, value.	Lobsters, cwts.	Lobsters, value.	Cod, cwts.	Cod, value.	Haddock, cwts.	Haddock, value.	Hake & Cusk, cwts.	Hake & Cusk, value.	Pollock, cwts.	Pollock, value.	Herring, cwts.	Herring, value.
	<i>Cape Breton.</i>		\$		\$		\$				\$		\$		\$
1	North Sydney, Sydney, Glace Bay, Lingan and vicinity.....			2235	11175	4640	6960	609	609	18	18	87	64	2936	1468
2	Port Morien and vicinity..	23	230	2100	10500	660	990	45	45			42	32	5185	2592
3	Upper North Sydney, Long Island and Leitches Creek.....					138	207							400	200
4	Main-à-Dieu, Lorraine and Mira Bay.....	146	1460	2430	12150	4825	7237	1239	1239			650	488	694	347
5	Gabarouse and vicinity....			4826	24130	3299	4948	399	399			699	525	3080	1540
6	Scatarie Island.....	19	190	919	4595	1294	1941	296	296	80	80	116	87	122	62
7	Little Bras-d'Or.....	5	50	3320	16600	1205	1807	10	10					520	260
8	Louisburg and vicinity.....	5	50	1495	7475	2659	3988	1130	1130	516	516	30	23	850	425
	Totals.....	198	1980	17325	86625	18720	28078	3728	3728	614	614	1624	1219	13787	6894

*Cwt. =100 lbs.

SESSIONAL PAPER No. 22

CATCH.

Green State in the County of Cape Breton, Province of Nova Scotia, during 1912-13.

Mackerel, cwts.	Mackerel, value.	Shad, cwts.	Shad, value.	Alewives, cwts.	Alewives, value.	Halibut, cwts.	Halibut, value.	Smelts, cwts.	Smelts, value.	Trout, cwts.	Trout, value.	Eels, cwts.	Eels, value.	Tom-cod, cwts.	Tom-cod, value.	Sword-fish, cwts.	Sword-fish, value.	Squid, brls.	Squid, value.	Oysters, brls.	Oysters, value.	Clams, brls.	Clams, value.	Number.
	\$		\$		\$		\$		\$		\$		\$		\$		\$		\$		\$		\$	
18	54	...	...	...	...	64	320	34	170	...	...	...	...	...	...	7	28	2	6	...	...	...	...	1
8	24	...	...	...	...	31	155	60	300	...	...	10	50	...	...	...	...	...	...	...	...	20	20	2
4	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
546	1638	16	48	61	61	28	140	10	50	...	...	...	...	7	7	14	56	45	135	...	...	...	...	4
900	2700	...	...	...	...	...	...	20	100	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
28	84	...	...	...	...	53	265	...	...	...	...	...	...	...	...	10	40	14	42	...	...	...	...	6
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7
586	1758	...	...	...	...	4	40	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8
2090	6270	16	48	61	61	180	900	124	620	...	...	10	50	7	7	31	124	61	183	...	...	20	20	

THE CATCH MARKETING.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state for the County of Cape Breton, province of Nova Scotia, during the year 1912-13.

Number.	Fishing Districts.	Salmon, fresh and frozen, cwts.	Lobsters, canned, cases.	Lobsters, shipped in shell, cwts.	Cod, fresh, cwts.	Cod, shipped green salted, cwts.	Cod, dried, cwts.	Haddock, fresh, cwts.	Haddock, dried, cwts.	Hake and Cusk, fresh, cwts.	Hake and Cusk, dried, cwts.	Pollock, fresh, cwts.	Pollock, dried, cwts.	Herring, fresh, cwts.	Herring, pickled, brls.	Herring, used as bait, brls.	Mackerel, fresh, cwts.	Number.
<i>Cape Breton County</i>																		
1	North Sydney, Sydney, Glace-Bay, Langan and vicinity.....	.....	894	9	2078	150	754	345	88	.....	6	42	15	608	400	564	18	1
2	Port-Morien and vicinity.....	23	840	.....	.....	.....	229	.....	15	.....	.....	.....	14	35	1040	1015	8	2
3	Upper North Sydney, Long Island, and Leitch's Creek .....	.....	.....	.....	138	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	200	4	3
4	Main-a-dieu, Lorraine & Mira Bay.....	146	954	46	.....	185	1485	.....	113	.....	.....	110	180	.....	180	77	.....	4
5	Gabarous & vicinity.....	.....	2298	.....	50	.....	1083	.....	135	.....	.....	.....	233	.....	360	1000	30	5
6	Scatarie Island	19	.....	.....	182	250	204	80	7	20	20	23	31	.....	14	40	4	6
7	Little Bras d'Or.....	5	1328	.....	.....	400	135	10	.....	.....	.....	.....	.....	.....	.....	260	.....	7
8	Louisburg & vicinity.....	5	598	.....	259	.....	800	23	369	.....	172	.....	10	80	232	37	136	8
Totals		198	6912	55	2707	985	4681	458	1090	20	198	175	483	723	2226	3193	200	
Rates		\$ 10 00	18 00	5 00	1 50	2 50	5 00	2 00	3 00	1 50	3 00	1 50	3 00	1 00	6 00	1 50	3 00	
Values		\$ 1980	124416	275	4060	2462	23405	916	3270	30	594	262	1449	723	13356	4790	600	

* Cwt. = 100 lbs

SESSIONAL PAPER No. 22

THE CATCH MARKETED.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state for the County of Cape Breton, province of Nova Scotia, during the year 1912 13.—*Concluded.*

Numbers.	Fishing Districts.	Mackerel, salted, brls.	Shad, fresh, cwt.	Shad, salted, brls.	Alwives, fresh, cwt.	Alwives, salted, brls.	Sardines, canned, cases.	Sardines, fresh and salted, brls.	Hallibut, fresh, cwt.	Flounders, fresh, cwt.	Smelts, fresh, cwt.	Belts, fresh, cwt.	Tom-cod, fresh, cwt.	Sword fish, fresh, cwt.	Squid, used as bait, brls.	Clams and Quahogs, fresh, brls.	Fish Oil, gals.	Numbers.
	<i>Cape Breton County.</i>																	
	North Sydney, Sydney, Glace-Bay, Lungan and vicinity								64		34				7	2	945	1
2	Port-Morien and vicinity								31		60	10					20	2
3	Upper North Sydney, Long Island, and Leitchies Creek																	3
4	Main-a-deu, Lorraine and Mira Bay	182	16		13	16				28	10			7	45			4
5	Glabarouse and vicinity	290									20							5
6	Scatarie Island	8								53					10	14		6
7	Little Bras d'Or																	7
8	Louisburg and vicinity	150								4								8
	Totals	630	16		13	16			180		124	10	7	31	61	20	4437	
	Rates	12 00	5 00		2 00	3 00			8 00		10 00	8 00	2 00	10 00	3 00	1 00	30	
	Values	7560	80		26	48			1440		1240	80	14	310	183	20	1331	
	Total value																\$ 194,920	

^a Cwt. = 100 lbs.

THE CATCH.
RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the County of Victoria, Province of Nova Scotia, during the year 1912-13.

Number.	Fishing Districts.	Salmon, * cwt.	Salmon, value.	Lobsters, cwt.	Lobsters, value.	Cod, cwt.	Cod, value.	Haddock, cwt.	Haddock, value.	Hake and Cusk, cwt.	Hake and Cusk, value.	Pollock, cwt.	Pollock, value.	Herring, cwt.	Herring, value.	Mackerel, cwt.	Mackerel, value.	Shad, cwt.	Shad, value.	Number.
Victoria County.																				
1	Iona, Washabuck and Little Narrows...	43	430	20	1000	946	946	...	...	...	...	...	...	869	434	...	...	...	...	1
2	Wreck Cove to Cape Smokey.....	29	290	515	2060	300	300	180	144	...	...	...	...	322	243	30	90	...	...	2
3	Breton Cove and vicinity to Englishtown	30	300	982	3928	582	582	465	372	...	...	...	...	7644	5733	21	63	...	...	3
4	Baddeck and vicinity.	3	30	...	...	190	285	...	...	...	...	...	...	370	185	3	15	...	...	4
5	Ingonish.....	120	1200	1262	5048	14195	14195	26379	26379	...	...	1914	1530	2080	1560	180	900	...	...	5
6	Neil's Harbour and New Haven.....	1	10	1545	6180	8931	13395	3492	3492	120	108	375	300	639	480	13	65	...	...	6
7	White Point, Dingwall and Sugar Loaf.	123	1230	1022	4088	3386	5079	1140	1140	51	45	249	199	864	648	5	25	...	...	7
8	Sparling's Brook, Bay St. Lawrence and vicinity.....	54	540	1892	7568	1280	1920	136	136	12	10	111	88	720	540	6	30	...	...	8
9	Big Bras d'Or.....	...	...	...	...	120	210	...	...	...	...	14	14	85	63	...	...	...	...	9
Totals.....		403	4030	7238	29872	29930	36913	31792	31663	183	163	2663	2131	13593	9886	258	1188	

*Cwt. = 100 lbs.

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THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the County of Victoria, Province of Nova Scotia, during the year 1912-13—*Con.*

Number.	Fishing Districts.	Alewives, cwt.	Alewives, value.	Sardines, brls.	Sardines, value.	Halibut, cwt.	Halibut, value.	Smelts, cwt.	Smelts, value.	Trout, cwt.	Trout, value.	Eels, cwt.	Eels, value.	Sword-fish, cwt.	Sword-fish, value.	Squid, brls.	Squid, value.	Oysters, brls.	Oysters, value.	Claims, brls.	Claims, value.	Number.
<i>Victoria County.</i>																						
1	Iona, Washabuck and Little Narrows..	75	75	.....	.....	.....	.....	50	200	7	56	28	84	.....	.....	.....	.....	515	1030	.....	.....	1
2	Wreck Cove to Cape Smokey.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Breton Cove and vicinity to Englishtown	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Baddeck and vicinity.....	.....	.....	.....	.....	.....	.....	12	48	.....	.....	.....	.....	.....	.....	.....	.....	13	26	.....	.....	.....
5	Ingonish.....	.....	.....	.....	.....	.....	.....	20	80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	Neil's Harbour and New Haven.....	.....	.....	.....	.....	19	114	.....	.....	.....	.....	.....	.....	.....	.....	16	32	.....	.....	.....	.....	.....
7	White Point, Dingwall and Sugar Loaf	.....	.....	.....	.....	64	384	19	76	4	32	12	36	250	1500	23	46	.....	.....	4	3	.....
8	Sparlings Brook, Bay St. Lawrence and vicinity.....	.....	.....	.....	.....	49	294	.....	.....	.....	.....	.....	.....	45	270	.....	.....	.....	.....	.....	.....	.....
9	Big Bras d'Or.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....		75	75	.....	.....	132	792	101	404	11	88	40	120	295	1770	39	78	524	1056	4	3	.....

*Cwt= 100 lbs.

THE CATCH MARKETING.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state, for the County of Victoria, Province of Nova Scotia, during the Year 1912-13.

Fishing Districts.	Salmon, fresh and frozen, *cwts.	Salmon, canned, cases.	Lobsters, canned, cases.	Lobsters, shipped in shell, cwts.	Cod, fresh, cwts.	Cod, shipped green salted, cwts.	Cod, dried, cwts.	Haddock, fresh, cwt.	Haddock, smoked, cwts.	Haddock, dried, cwts.	Pollock, fresh, cwts.	Pollock, dried, cwts.	Herring, fresh, cwts.	Herring, smoked, cwts.	Herring, pickled, brls.	Number.
Victoria County.																
1 Iona, Washabuck and Little Narrows.....	43			20	253	237	73						89	67	136	1
2 Wreck Cove to Cape Smokey.....	29		206				100			60			322			2
3 Breton Cove and vicinity to Englishtown.....	30		393				194			155						3
4 Baddeck and vicinity.....	3				106	25	11						120		70	4
5 Ingonish.....	120		505			4731	1577	2016	60	8081		638				5
6 Neil's Harbour and New Haven.....	1		618		189	4371		90		1134		125			15	6
7 White Point, Dingwall and Sugar Loaf ..	73	60	409		110	1173	310	60		360		83			12	7
8 Sparling's Brook, Bay St. Lawrence and vicinity.	54		757		50	615		16		40		37			10	8
9 Big Bras d'Or.....					120						14		85			9
Totals.....	353	60	2888	20	828	11152	2265	2182	60	9830	14	883	616	67	243	
Rate.	\$ 12 00	7 00	18 00	8	2 50	4 00	5 50	2 50	3 00	4 00	2 00	3 50	1 00	3 50	4 00	
Values	\$ 4236	420	51984	160	2070	44608	12457	5455	180	39320	28	3090	616	235	972	

*Cwt. = 100 lbs.

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THE CATCH MARKETING.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state for the County of Victoria, Province of Nova Scotia, during the Year 1912-13—Concluded.

Fishing Districts.	Herring used as bait, brls.	Herring used as fer- tilizer, brls.	Mackerel, fresh, cwt.	Mackerel, salted, brls.	Alewives, fresh, cwt.	Alewives, salted, brls.	Halibut, fresh, cwt.	Smelts, fresh, cwt.	Trout, fresh, cwt.	Eels, fresh, cwt.	Sword fish, fresh, cwt.	Squid used as bait, brls.	Oysters, fresh, brls.	Clams and Quahogs, fresh, brls.	Tongues and Sounds, pickled and dried, cwt.	Hair seal skins, No.	Fish oil, gals.	Number.	
Victoria County.																			
1 Iona, Washabuck and Little Narrows...	99	20	...	...	15	20	...	50	7	28	...	...	515	...	...	...	40	1
2 Wreck Cove to Cape Smokey...	...	...	...	10	...	...	...	...	...	...	...	...	...	...	...	...	60	2
3 Breton Cove and vicinity to Englishtown	3822	...	...	7	...	...	...	...	...	...	...	...	...	...	...	...	135	3
4 Baddeck and vicinity	20	...	3	...	...	...	...	12	...	...	...	...	13	...	...	...	8	4
5 Ingonish...	1010	...	180	...	...	...	...	20	...	...	...	...	...	...	...	...	3730	5
6 Neil's Harbour and New Haven...	297	...	13	...	...	...	19	...	...	...	...	16	...	...	...	...	3000	6
7 White Point, Dingwall and Sugar Loaf	414	...	5	...	...	...	64	19	4	12	250	23	...	4	...	24	1200	7
8 Sparling's Brook, Bay St. Lawrence and vicinity	345	...	6	...	...	...	49	...	...	...	45	...	...	...	...	...	490	8
9 Big Bras d'Or...	9
Totals...	6037	20	297	17	15	20	132	101	11	40	295	39	528	4	9	39	9263		
Rate...	2 00	0 25	8 00	12 00	2 00	4 00	10 00	6 00	10 00	5 00	9 00	4 00	4 00	2 00	5 00	1 00	6 30		
Values...	\$ 12074	5	1656	204	30	80	1320	606	110	200	2455	156	2152	8	45	39	2778		
Total Value...																	\$189,993		

*Cwt. 100 lbs.

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State, in the County of Inverness, Province of Nova Scotia, during the Year 1912-13.

Number.	Fishing Districts.	Salmon, * cwt.	Salmon, value.	Lobsters, cwt.	Lobsters, value.	Coel, cwt.	Coel, value.	Hadlock, cwt.	Hadlock, value.	Hake and Cusk, cwt.	Hake and Cusk, value.	Pollock, cwt.	Pollock, value.	Herring, cwt.	Herring, value.	Mackerel, cwt.	Mackerel, value.	Alewives, cwt.	Alewives, value.	Halibut, cwt.	Halibut, value.	Number.
<i>County of Inverness.</i>																						
1	Meat Cove, Poulet Cove and Pleasant Bay...	182	1820	1817	7268	815	1222	...	...	...	...	55	40	448	448	639	3195	..	...	1	6	1
2	Cap Rouge, Eastern Harbour, Cheticamp and Grand Etang	232	2320	4390	17560	12644	18966	2562	2562	1350	1350	348	260	812	812	4683	23415	...	...	7	12	2
3	Frar's Head, Margaree Harbour to Smith's Cove	740	7400	1937	7748	5215	5215	182	182	300	300	240	180	...	...	...	...	...	...	...	...	3
4	Broad Cove, Port Ban to Mabou Harbour...	20	200	3720	14880	2478	3717	618	618	463	463	...	...	686	515	930	5580	...	...	...	...	4
5	West Lake Ainslie and Whyecomah Bay...	...	...	...	...	480	720	...	...	...	...	...	...	108	81	...	...	168	84	...	...	5
6	Little Mabou and Port Hood to Hawkesbury	30	300	6260	24800	5638	8457	2222	2222	2736	2736	...	...	7000	5250	700	1200	...	...	...	...	6
7	West Bay, Malagawatch and Deny's Basin.	...	...	...	...	...	...	...	...	...	...	...	...	1200	900	...	...	...	...	...	...	7
Totals.		1204	12040	18064	72256	27270	38297	5584	5584	4849	4849	643	480	10254	8006	6952	36390	168	84	8	48	

*Cwts. = 100 lbs.

THE CATCH.

12 RETURN showing the Quantities and Values of all Fish caught and landed in a Green State, in the County of Inverness, Province of
13 Nova Scotia, during the Year 1912-13--Continued
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Number.	Fishing Districts.	Smelts, cwts.	Smelts, value.	Trout, cwts.	Trout, value.	Bass, cwts.	Bass, value.	Eels, cwts.	Eels, value.	Sword-fish, cwts.	Sword-fish, value.	Mixed fish, cwts.	Mixed fish, value.	Squid, bbls.	Squid, value.	(Oysters, bbls.	(Oysters, value.	(Lanus, bbls.	(Lanus, value.	(Quahogs, bbls.	(Quahogs, value.	Number.
	County of Inverness.																					
1	Meat Cove, Poulet Cove and Pleasant Bay.									20	120	126	126	20	40							1
2	Cap Rouge, Eastern Harbour, Cheticamp and Grand Etang	10	30	5	25	5	4	24	96					25	50							2
3	Friar's Head, Margaree Harbour to Smith's Cove																					3
4	Broad Cove, Port Ban to Mabou Harbour.	40	120											1	2							4
5	West Lake Ainslie and Whycocomah Bay.			26	130									500	1000							5
6	Little Mabou and Port Hood to Hawkesbury.	20	60					40	160							200	400					6
7	West Bay, Malagawatch and Deny's Basin																					7
	Totals.	70	210	31	155	5	4	64	256	20	120	126	126	549	1078	200	400					

Cwts. = 100 lbs.

THE CATCH MARKETING.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, etc., state, for the County of Inverness, Province of Nova Scotia, during the Year 1912-13.

Number.	Fishing Districts.	Salmon, fresh and frozen, cwts.	Salmon, canned, cases.	Lobsters, canned, cases.	Cod, fresh, cwts.	Cod, shipped green-salted, cwts.	Cod, dried, cwts.	Haddock, fresh, cwts.	Haddock, dried, cwts.	Hake and Cusk, fresh, cwts.	Hake and Cusk, dried, cwts.	Pollock, fresh, cwts.	Pollock, dried, cwts.	Herring, fresh, cwts.	Herring, pickled, brls.	Herring used as bait, brls.	Number.
<i>County of Inverness.</i>																	
1	Meat Cove, Poulet Cove and Pleasant Bay	169	15	727	...	367	27	...	854	...	450	55	...	...	...	224	1
2	Cap Rouge, Eastern Harbour, Cheticamp and Grand Etang	232	...	1756	...	1000	3548	...	...	...	...	...	116	...	...	406	2
3	Friar's Head, Margaree Harbour to Smith's Cove	740	...	775	300	...	1638	32	50	...	100	...	80	...	...	...	3
4	Broad Cove, Port Ban t, Mabou Harbour	20	...	1488	780	...	566	300	106	67	132	...	...	...	66	244	4
5	West Lake Ainslie and Wycocoonah Bay	...	...	...	360	...	40	...	...	...	...	...	...	...	36	...	5
6	Little Mabou and Port Hood to Hawkesbury	30	...	2480	5638	...	...	2222	...	...	912	...	...	...	1000	2000	6
7	West Bay, Malagawatch and Deny's Basin	...	...	...	...	...	...	...	...	...	...	...	...	1200	...	...	7
Totals		1191	15	7226	7078	1367	5819	2554	1010	67	1594	55	196	1200	1102	2874	
Rates		12	7	18	2	3	5.50	2	4	1.75	4	1	3	1	5	2	
Values		14292	105	130068	14156	4101	32004	5108	4040	117	6376	55	588	1200	5510	5748	

*Cwt. =100 lbs.

RECAPITULATION

Of the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state, for District No. 1, Province of Nova Scotia, during the year 1912-13.

Kinds of Fish.	Caught and Landed in a Green State.		Marketed.		Total Marketed Value.
	Quantity.	Value.	Quantity.	Value.	
Salmon	1,903	\$ 19,030		\$	\$
" used fresh and frozen			1,830	21,564	
" canned			89	629	
					22,187
Lobsters	53,221	240,823			
" canned			21,091	379,638	
" shipped in shell			534	5,025	
					384,663
Hadlock	70,220	70,091			
" used fresh			24,995	51,081	
" smoked			60	180	
" dried			15,035	59,826	
					111,087
Cod	101,696	129,064			
" used fresh			15,154	29,368	
" shipped green-salted			14,115	52,698	
" dried			19,436	104,556	
					186,622
Hake and Cusk	6,541	6,296			
" used fresh			932	1,489	
" dried			1,853	7,214	
					8,803
Pollock	7,141	5,488			
" used fresh			1,162	1,722	
" dried			1,993	6,851	
					8,573
Herring	47,886	36,598			
" used fresh			2,785	2,785	
" smoked			67	235	
" pickled			6,531	34,638	
" used as bait			12,667	23,738	
" used as fertilizer			20	5	
					61,401
Mackerel	19,882	86,172			
" used fresh			3,774	22,061	
" salted			5,369	80,324	
					102,385
Shad	16	48			
" used fresh			16	80	
					80
Alewives	325	241			
" used fresh			28	56	
" salted			100	352	
					408
Halibut	395	2,190	395		3,440
Flounders	15	15	15		15
Smelts	652	3,376	652		5,052
Trout	42	243	42		420
Bass	5	4	5		5
Eels	189	576	189		975
Tom Cod	662	662	662		669
Swordfish	530	2,750	530		3,865
Mixed Fish	126	126	126		252
Squid	799	1,809	799		2,985
Oysters	728	1,456	728		2,752
Clams and Quahaugs	94	233			
" used fresh			94	238	
					238

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RECAPITULATION

Of the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state, for District No. 1, Province of Nova Scotia, during the year 1912-13—*Concluded*.

Kinds of Fish.	Caught and Landed in a Green State.		Marketed.		Total Marketed Value.
	Quantity.	Value.	Quantity.	Value.	
		\$		\$	\$
Tongues and Sounds..... cwts.			9		45
Hair Seal Skins..... No.			44		44
Fish Oil..... galls.			21,897		6,351
Totals.....		478,227			913,217

RECAPITULATION.

Of the Number of Fishermen, &c., and of the Number and Value of Fishing Vessels Boats, Nets, &c., in District No. 1, Province of Nova Scotia, for the year 1912-13.

	Number.	Value.
		\$
Vessels (tonnage 2,144).....	105	63,200
Boats (sail).....	2,392	77,520
" (gasoline).....	179	45,840
Tugs, Smacks, etc.....	54	19,600
Gill Nets.....	11,072	76,915
Seines.....	1	175
Trap and Smelt Nets.....	218	18,207
Weirs.....		
Trawls.....	1,909	10,592
Hand Lines.....	5,583	3,482
Lobster Traps.....	148,675	124,007
" Canneries.....	58	36,800
Freezers and Ice-houses.....	32	45,950
Smoke and Fish-houses.....	710	42,605
Piers and Wharves.....	187	155,645
		720,538

Number of men employed on Vessels and Tugs.....	645
" " " Boats.....	3,757
" persons employed in Fish-houses, Freezers, Canneries, etc....	1,170
Total.....	5,572

4 GEORGE V., A. 1914

DISTRICT

RETURN showing the Number of Fishermen, etc., the Number and Value of Vessels and
County of **Cumberland**, Province of

Number.	Fishing Districts.	Fishing vessels, boats, tugs, etc.							Fishing								
		Vessels			Boats.				Tugs, Smacks, etc.			Gill nets.		Seines.			
		Number.	Tons.	Value.	Men.	Sail.	Value.	Gasoline.	Value.	Men.	Number.	Value.	Men.	Number.	Value.	Number.	Value.
		\$			\$		\$		\$		\$			\$		\$	
1	Malagash, East Wallace and Fox Harbour					81	4050	62	12800	152							
2	Pugwash and Gulf Shore					25	1800	53	7950	82			2	20			
3	Port Philip, Northport and Amherst Shore					3	110	27	4250	34			64	640			
4	Wallace River					27	350			27			4	80			
5	River Philip.					4	80	1	400	6			15	150	1	40	
6	Maccan and Nappan.																
7	Minudie to Apple River.					6	180	1	400	20							
8	Advocate.					10	300	2	800	26							
9	Spencer's Island.					4	120	1	400	10							
10	Port Greville.					8	240	2	500	12							
11	Parrsboro and Two Islands.					9	180	1	300	10							
	Totals					171	7410	150	27800	379			85	890	1	40	

* 3 lobster factories valued at \$1,500 not operated.

RETURN showing the Number of Fishermen, etc., the Number and Value of Vessels
Industry in the County of **Colchester**, Province

Number.	Fishing Districts.	Fishing Vessels, Boats, Tugs, Etc.					Fishing	
		Boats.					Gill Nets.	
		Sail.	Value.	Gasoline.	Value.	Men.	Number.	Value.
	<i>County of Colchester.</i>		\$					\$
1	Sterling	15	600			18		
2	Stewiacke	95	950			170	105	1050
3	Five Islands and Economy	1	75			1	1	60
4	Little Bass River to Highland Village	5	375			5	5	300
5	Great Village to Queens Village	13	975			13	13	780
	Totals	129	2975			207	124	2190

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No. 2.

the Quantity and Value of all Fishing Gear, etc., used in the Fishing Industry in the Nova Scotia, during the Year 1912-13.

gear.								Canneries.		Other material.				Persons Employed in Canneries, Freezers and Fish-houses.	Number.
Weirs.		Smelt Nets.		Hand Lines.		Lobster Traps.		*Lobster Canneries.		Freezers and Ice-houses.		Smoke and Fish-houses.			
Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.		
	\$		\$		\$		\$		\$		\$		\$		
.....		15	350	.....		33457	28640	14	21250	.....		.....		264	1
.....		.....		.....		20830	20330	12	10200	.....		.....		124	2
2	50	19	230	.....		6806	4800	6	1350	.....		5	3000	70	3
.....		5	120	.....		.....		.....		.....		9	90	.....	4
.....		23	690	.....		.....		.....		.....		.....		.....	5
.....		.....		.....		.....		.....		.....		.....		.....	6
.....		.....		20	10	.....		.....		.....		.....		.....	7
.....		.....		26	13	.....		.....		.....		.....		.....	8
.....		.....		10	5	.....		.....		.....		.....		.....	9
.....		.....		12	6	.....		.....		.....		.....		.....	10
4	200	.....		10	5	.....		.....		.....		.....		.....	11
6	250	62	1390	78	39	61093	53770	32	32800	.....		14	3090	458	

and Boats, and the Quantity and Value of all Fishing Gear, etc., used in the Fishing of Nova Scotia, during the Year 1912-13.

gear.										Canneries.				Other Material.		Persons Employed in Canneries, Freezers, and Fish-houses.	Number.
Weirs.		Smelt Nets.		Trawls.		Hand Lines.		Lobster Traps.		Lobster Canneries.		Clam Can-neries.		Smoke and Fish-houses.			
Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.		
	\$		\$		\$		\$		\$		\$		\$		\$		
...		14	350	...		...		2500	2400	1	800	...		...		16
...		...		4	100	...		...		...		...		2	40	...
...		
...		
...		14	350	4	100	...		2500	2400	1	800	...		2	40	16	

4 GEORGE V.. A. 1914

RETURN showing the Number of Fishermen, &c., the Number and Value of Vessels and Industry in the County of of **Pictou**, Province of

Number.	Fishing Districts	Fishing Vessels, Boats, Tugs, &c.							Fishing				
		Boats.					Tugs, Smacks, &c.		Gill Nets.		Trap Nets.		
		Sail.	Value.	Gasoline.	Value.	Men.	Number.	Value.	Men.	Number.	Value.	Number.	Value.
County of Pictou.		\$	\$	\$	\$	\$							
1	West Pictou.....	53	2386	113	16385	190	1	400	2	90	810	.....	.....
2	Pictou Island.....	52	2080	31	5425	133	.....	.....	.....	100	850	1	600
3	Pictou Harbour.....	9	360	.....	.....	12	3	13400	7	54	378	.....	.....
4	Little Harbour and East Branch St. Mary's.....	20	700	2	350	31	.....	.....	.....	37	2292	.....	.....
5	Merigomish Island.....	9	360	4	800	15	.....	.....	.....	25	1314	..	.....
6	Ponds.....	6	240	7	1400	17	.....	.....	.....	27	898	.....	.....
7	Lismore.....	3	120	4	800	12	.....	.....	.....	35	966	.....	.....
Totals		152	6246	161	25160	410	4	13800	9	368	7508	1	600

RETURN showing the Number of Fishermen, &c., the Number and Value of Vessels and Industry in the County of **Antigonish**, Province of

Number.	Fishing Districts.	Fishing Vessels, Boats, Tugs, Etc.											Fishing		
		Vessels.				Boats.					Tugs, Smacks, &c.		Gill Nets.		
		Number.	Tons.	Value.	Men.	Sail.	Value.	Gasoline.	Value.	Men.	Number.	Value.	Men.	Number.	Men.
County of Antigonish.			\$		\$		\$								
1	Harbour au Bouche, Linwood and Cape Jack.....	2	35	350	6	62	841	1	75	71	3	1300	3	421	2478
2	Tracadie, Bayfield, Monk's Head & South Side Antigonish Harbour.....	.....	.....	.....	.....	80	1870	5	820	86	3	250	3	114	4925
3	North Side Antigonish Harbour, Lakevale and South Side of Cape George.....	.....	.....	.....	.....	38	720	8	1110	56	2	400	2	126	2278
4	North Side of Cape George, Georgeville and Malignant Cove to Knoydart.....	32	650	7	1070	43	3	600	3	93	1468
Totals		2	35	350	6	212	4081	21	3075	256	11	2550	11	754	11149

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Boats, and the Quantity and Value of all Fishing Gear, &c., used in the Fishing Nova Scotia, during the Year 1912-13.

Gear.						Lobster Canneries.		Other Material.						Persons Employed in Canneries, Freezers and Fish-houses.	Number.
Smelt Nets		Hand Lines.		Lobster Traps.		Canneries.		Freezers and Ice-houses.		Smoke and Fire houses.		Piers and Wharves.			
Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.		
	\$		\$		\$		\$		\$		\$		\$		
5	130	166	83	44134	34000	13	25100	.....	.....	.....	.....	11	950	272	1
.....	.....	30	15	22050	20950	3	18000	.....	.....	.....	.....	.....	.....	137	2
6	150	15	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15	3
4	120	15	8	1800	1350	1	300	.....	.....	.....	.....	.....	.....	13	4
4	120	26	13	1770	985	1	1000	1	1500	.....	.....	.....	.....	16	5
2	60	26	13	5000	3000	1	1200	1	1500	.....	.....	.....	.....	28	6
.....	.....	14	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
21	580	292	147	75654	60285	19	45600	2	3000	....	....	11	950	481	

Boats, and the Quantity and Value of all Fishing Gear, &c, used in the Fishing Nova Scotia, during the Year 1912-13.

Gear.								Lobster Canneries.		Other Material.								Persons Employed in Canneries, Freezers and Fish-houses.	
Smelt Nets.		Trawls.		Hand Lines.		Lobster Traps.		Canneries.		Freezers and Ice-houses.		Smoke and Fish houses.		Piers and Wharves.					
Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.				
8	16	60	240	120	60	8000	4000	1	1000	1	1000	37	400	2	4000	36	1		
11	22	25	120	76	38	3500	1750	1	800	2	1900	26	370	.....	.....	24	2
5	56	50	263	40	20	8100	4860	2	2400	1	1000	17	280	.....	.....	44	3
...	.....	28	150	38	19	6000	4120	2	2200	2	2200	17	298	...	.....	20	4
24	94	163	773	274	137	25600	14730	6	6400	6	6100	97	1348	2	4000	133			

Return showing the Number of Fishermen, etc., the Number and Value of Vessels and Boats, and the Quantity and Value of all Fishing Gear, etc., used in the Fishing Industry in the County of Guysboro, Province of Nova Scotia, during the Year 1912-13.

Fishing Vessels, Boats, Tugs, etc.										Fishing Gear.																					
Fishing Districts.										Boats.					Tugs, Smacks, etc.			Gill nets.		Seines.		Trap nets.		Weirs.							
Vessels.		Sail.		Value.		Men.		Tons.		Value.		Gasoline.		Value.		Men.		Number.		Value.		Number.		Value.		Number.		Value.			
Number.					\$						\$				\$						\$										
Guysboro County.																															
1	Ecum Secum.....									35	500	12	2000	50	1	150	2		90	500	2	100									
2	Marie Joseph.....									40	600	15	2500	48	1	150	2		100	600											
3	Liscomb and Spanish Ship Bay.....									75	1500	15	3000	60	2	400	4		120	700	2	100									
4	Giegoggin.....									34	600	4	600	22					40	240											
5	St. Mary's Bay and River.....									34	350	8	1200	33					45	270											
6	Wine Harbour.....									30	350	1	150	22					60	750	1	100									
7	Port Hillford.....									35	1000	1	150	35	1	100	1		80	750											
8	Holland's Harbour and Indian River.....									10	300	1	500	9					30	200											
9	Port Beckerton.....									30	800	16	8000	58	1	350	2		350	2000											
10	Fisherman Harbour.....									25	500	8	2200	30	1	600	2		100	600											
11	Country Harbour.....									15	200			10					30	300											
12	Isaacs Harbour.....									10	500	13	3900	38	2	500	3		175	1750											
13	Drum Head.....									10	450	15	4500	36	3	6000	12		223	2230											
14	Seal Harbour.....									6	300	10	3000	30					186	1860											
15	Coddle's Harbour.....									3	150	9	2700	22					161	1610											
16	New Harbour.....									4	200	27	8100	70	1	300	2		535	5350											
17	Tor Bay.....									22	1680	2	300	26	1	150	2		180	1800											
18	Larry River.....	6	88	5000	25	70	4200			59	2	300	3	3	400	2		810	8100												
19	Charlo's Cove.....	9	129	5500	47	60	3000			32	1	400		2	1	400	2		570	5700											
20	Cole Harbour.....	1	10	400	3	42	2100			41		4	800	41					495	4950											
21	Port Felix.....	3	59	1600	12	82	4100			88	1	5	1000	88	1	250	2		975	9750											
22	Whitehead.....	12	187	8400	36	84	4200			95	3	12	3000	95	3	1200	5		1100	11000											
23	Raspberry and Dover.....	4	61	3000	19	50	1500			32		4	1000	32					150	1500											
24	Canso and Canso Tittle.....	19	330	20050	93	165	6430			144	10	30	9000	144	10	20150	25		2075	20750											
25	Fox Island Maine.....									15				15					175	1700											
26	Half Island Cove.....	1	11	450	3	42	2100			40		4	800	40	1	500	2		900	9000											

Return showing the Number of Fishermen, etc., the Number and Value of Vessels and Boats, and the Quantity and Value of all Fishing Gear, etc., used in the Fishing Industry in the County of Guysboro, Province of Nova Scotia, during the Year 1912-13—*Concluded*.

Number.	Fishing Districts.	Fishing Gear.						Canneries.		Other Material.						Persons employed in Canneries, Freezers and fish house	
		Trawls.		Hand lines.		Lobster traps		Lobster canneries	Freezers and Ice-house.		Smoke and fish-house.		Piers and Wharves.				
		Number.	Value.	Number.	Value.	Number.	Value.		Number.	Value.							
											Number.	Value.		Number.	Value.		
Guysboro County.																	
1	Ecum Sacum	6	30	20	120	110	55	3000	3000	2	100	25	400	4	250	1	1
2	Marie Joseph	4	20	25	300	100	50	2500	2500	1	50	25	500	6	300	5	5
3	Liscombe and Spanish Ship Bay	15	75	30	350	150	75	6000	6000	3	100	40	1000	6	200	25	3
4	Gegoggin	3	25	10	100	50	25	1600	1600	1	400	15	200	2	150	1	1
5	St. Mary Bay's and River	3	25	4	40	30	15	1200	1200	4	300	15	250	1	50	4	5
6	Wine Harbour	1	8	4	40	30	15	1500	1500	1	100	12	300	...	...	...	...
7	Port Hillford	14	70	18	100	50	25	1000	1000	2	200	15	300	...	...	...	...
8	Holland's Harbour and Indian River	...	...	6	100	15	8	900	900	...	...	4	150	1	40	3	3
9	Port Beckerton	...	...	25	750	120	60	4000	4000	12	1500	20	800	8	400	...	...
10	Fisherman's Harbour	1	5	10	100	50	2	1500	1500	1	800	8	200	3	150	19	10
11	Country Harbour	...	...	3	30	15	7	500	500	...	...	6	150	...	...	11	11
12	Isaacs Harbour	...	...	25	250	50	50	3000	3000	1	1500	19	3500	8	1000	25	12
13	Drum Head	...	...	127	1270	65	65	3000	3000	1	2000	20	2600	8	8000	20	13
14	Seal Harbour	...	...	64	640	84	84	2000	2000	1	1000	10	1600	2	500	6	14
15	Coddle's Harbour	...	...	23	230	143	143	1500	1500	...	...	8	800	5	700	1	15
16	New Harbour	25	250	70	700	393	393	3000	3000	1	2000	30	9800	2	3000	8	16
17	Tor Bay	...	...	15	150	120	120	1800	1800	1	300	13	1300	3	700	14	17
18	Larry River	...	...	80	800	265	265	4500	4500	...	...	32	3040	20	10000	...	18
19	Charles Cove	...	...	100	1000	190	190	4700	4700	...	...	20	2200	2	3000	4	19
20	Cole Harbour	...	...	65	650	110	110	3300	3300	...	...	18	350	15	3500	...	20
21	Port Felix	...	...	150	1500	250	250	4900	4900	1	300	42	4500	27	12500	...	21
22	Whitehead	...	...	200	2000	270	270	11800	11800	3	2700	38	9700	28	12970	15	21
23	Raspberry and Dover	...	...	65	650	110	110	6700	6700	1	800	11	1800	5	4200	68	22
24	Canso and Canso Tittle	...	...	500	5000	905	905	11000	11000	8	77400	56	17050	30	13000	23	23
25	Fox Island Maine	...	...	30	300	45	45	2700	2700	1	150	5	900	...	...	109	24
26	Half Island Cove	...	...	95	950	110	110	2000	2000	2	8000	20	6500	1	800	...	25
		...	...	...	...	...	...	...	...	2	8000	20	6500	1	800	...	26

Return showing the Number and Value of Fisherman, etc., the Number and Value of Vessels and Boats, and the Quantity and Value of all Fishing Gear, etc., used in the Fishing Industry in the County of **Halifax**, Province of **Nova Scotia**, during the year 1912-13.

Fishing Vessels, Boats, Tugs, etc.										Fishing Gear.							
Vessels.					Boats.					Tugs, Smacks, etc.		Gill Nets.		Seines.		Traps Nets.	
Number.	Tons.	Value.	Men.	Sail.	Value.	(Gasoline.	Value.	Men.	Number.	Value.	Men.	Number.	Value.	Number.	Value.	Number.	Value.
Halifax County.																	
1	North Shore	80	3000	20	138	2170	2	1000	90	1	150	2	800	4800	80	30000	
2	East St. Margaret's	55	4400	18	212	8480	6	1000	135				2000	12000	39	8650	
3	Indian Harbour	140	14000	45	200	8400	8	2000	89	2	400	4	3100	18600	11	2950	
4	Peggy's Cove				100	3000	1	200	36				500	3000	12	3200	
5	Dover	203	16000	69	375	11000	4	1000	140				3000	18000	99	31450	
6	Prospect	48	1500	10	105	3150	4	1000	88				1760	10560	70	24500	
7	Terrence Bay	195	630	64	200	8000	17	4250	130	1	200	2	750	4500	20	7000	
8	Pennant	90	4200	32	20	600	5	1250	29				350	2100	9	3150	
9	Sambro	82	5000	30	60	4500	5	1250	21	1	500	4	900	5400	12	4200	
10	Ketch Harbour	52	2300	12	75	4400	6	1500	70				235	1410	8	2400	
11	Portuguese Cove				38	1520	8	2000	60				480	2880	13	2900	
12	Herring Cove	184	4900	46	79	3160	8	2000	85				110	660	16	3800	
13	Ferguson's Cove				5	175	1	250	9				42	252			
14	Bedford and Grand Lake				16	425			16				23	138	3	1050	
15	Halifax	33	2000	18	6	150			21	1	2000	4	256	1024			21200
16	Dartmouth, Eastern Passage and Devil's Island				67	1500	20	4820	76				80	320			
17	Cow Bay and Lawrencetown				20	422			15				56	224			
18	Seaforth & Three Fathom Harbour				13	280	1	150	15				412	1648			
19	West Chezetcook	143	5000	36	113	1500	1	325	74				43	172			
20	East Chezetcook				13	260			14				70	280			
21	Petpeswick Harbour				35	580	4	775	33				122	488			
22	Musquodoboit Harbour				56	1220	16	3375	52	1	75	2	230	920	1	20	
23	Jeddore	114	4300	25	82	1222	15	3710	74	1	110	2	230	920	4	975	
24	Clam Harbour & Owl's Head	63	2600	17	80	1840	8	1475	60	1	475	2	72	288			
25	West Ship Harbour	15	500	4	19	1000	4	700	21				108	432			
26	East Ship Harbour	30	600	5	8	665	3	600	22				205	820			
27	Pleasant Harbour & Tangier	13	125	3	2	120	19	4305	52								

RETURN showing the Number of Fishermen, etc., the Number and Value of Vessels and Boats, and the Quantity and Value of all Fishing Gear, etc., used in the Fishing Industry in the County of **Halifax**, Province of **Nova Scotia**, during the year 1912-13—*Concluded*.

Number.	Fishing Districts.	Fishing Gear.						Canneries.		Other Material.				Persons employed in Canneries, Freezers and Fish-houses.	Number.	
		Smelts Nets.	Trawls.		Hand Lines.		Lobster Traps.		Lobster Canneries.	Freezers and Ice-Houses.		Smoke and Fish-Houses.				Piers and Wharves.
			Number.	Value.	Number.	Value.	Number.	Value.		Number.	Value.					
Halifax County.																
1	North Shore.....		45	1350	350	175	1000	500		6	1200	56	8350	56	4150	12
2	East St. Margaret's.....		60	1500	250	125	1200	1100		3	1000	60	10800	60	5000	2
3	Indian Harbour.....		200	7000	200	120	1800	900		4	500	30	6000	30	1500	3
4	Peggy's Cove.....		40	800	90	45	900	450				23	5600	14	1050	4
5	Dover.....		200	3000	290	185	4800	2425		3	1400	60	7700	60	3600	5
6	Prospect.....		70	1750	210	150	3000	1500		2	1200	35	10500	36	4700	6
7	Terrence Bay.....		200	3000	200	100	5000	2500	1	3	1250	50	7500	50	2500	7
8	Pennant.....		36	720	30	15	2000	1000		2	30	12	2400	12	900	8
9	Sambro.....		90	1860	240	120	3000	1500	1	3	1300	20	3000	21	2500	9
10	Ketch Harbour.....		91	1800	150	76	200	100		2	1200	25	3000	14	1500	10
11	Portuguese Cove.....		38	570	76	38	885	442				19	2880	20	500	11
12	Herring Cove.....		105	2575	150	75	190	85				20	2900	20	500	12
13	Fergusons Cove.....		3	15	14	7	300	150				7	1400	7	700	13
14	Bedford and Grand Lake.....		2	10	6	3	220	110				6	300			14
15	Halifax.....		12	240	12	6				6	27000	9	18000	6	62000	15
16	Dartmouth Eastern Passage and Devil's Island.....		14	400	200	100	2220	1110				35	6400	24	900	16
17	Cow Bay and Lawrencetown.....	8	40		34	17	900	450				18	450	6	600	17
18	Seaforth and Three Fathom Harbour.....				30	15	1000	500				58	1500	6	600	18
19	West Chezetcook.....	2	10	75	240	120	1500	750				12	350	4	200	19
20	East Chezetcook.....				31	15	1000	500				20	400	10	600	20
21	Petpeswick Harbour.....				80	40	1000	500				16	375	7	300	21
22	Musquodoboit Harbour.....	7	500		100	50	1750	875				26	525	12	300	22
23	Jeddore.....	1	20	100	175	88	2500	1250	1			45	900	14	600	23
24	Clam Harbour and Owl's Head.....	1	10		180	90	3500	1750	2	2	300	24	900	12	1000	24
25	West Ship Harbour.....	3	40		90	45	1000	500				22	850	10	900	25
26	East Ship Harbour.....				64	32						11	307	10	130	26
27	Pleasant Harbour and Tangier.....		10	160	121	61				1	25	24	530	14	615	27

SESSIONAL PAPER No. 22

	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894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RETURN showing the Number of Fishermen, &c., the Number and Value of Vessels and Boats, and the Quantity and Value of all Fishing Gear, &c., used in the Fishing Industry in the County of **Hants**, Province of **Nova Scotia**, during the Year 1912-13.

Number.	Fishing Districts.	Fishing Vessels, Boats, Tugs, &c.					Fishing Gear.			
		Boats.					Gill Nets.		Weirs.	
		Sail.	Value.	Gasoline.	Value.	Men.	Number.	Value.	Number.	Value.
			\$		\$			\$		\$
1	Hantsport to Windsor.....	6	250	2	280	9	13	500	.....	.....
2	Windsor to Noel...	6	300	.....	.....	6	12	410	3	110
3	Maitland to Shubenacadie.....	20	300	.....	.....	30	40	400	.....	.....
4	Shubenacadie to Grand Lake.....	35	420	.....	.....	35	60	600	.....	.....
		67	1270	2	280	80	125	1910	3	110

SESSIONAL PAPER No. 22

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the County of Cumberland, Province of Nova Scotia, during the Year 1912-13.

Number.	Fishing Districts.	Salmon, cwt.*	Salmon, value.	Lobsters, cwt.	Lobsters, value.	Cod, cwt.	Cod, value.	Haddock, cwt.	Haddock, value.	Hake and Cusk, cwt.	Hake and Cusk, value.	Pollock, cwt.	Pollock, value.	Herring, cwt.	Herring, value.	Shad, cwt.	Shad, value.	Alewives, cwt.	Alewives, value.	Halibut, cwt.	Halibut, value.	Flounders, cwt.	Flounders, value.	Smelts, cwt.	Smelts, value.	Trout, cwt.	Trout, value.	Oysters, bbl.	Oysters, value.	Clams, bbl.	Clams, value.	Number.			
<i>Cumberland County.</i>																																			
1	Malagash, East-Wal-			9208	46040									600	300																	1			
2	lace and Fox-Harbr.													1000	500																	2			
3	Pugwash and Gulf-			8015	40075																												3		
4	Shore.																																4		
5	Port Philip, Northport			1385	6925									13164	6582																		5		
6	and Amherst Shore.													20	10																		6		
7	Wallace River.																																	7	
8	River Philip.	5	50																															8	
9	Maccan and Nappan.																																	9	
10	Minudie to Apple																																	10	
11	River.			180	900					20	20	2180	2180	8	4																			11	
12	Advocate.	10	100	80	400	680	1360	216	324	60	60	2180	2180	116	58																			12	
13	Spencer's Island.	10	100	84	420	565	1130	154	231	39	39	1250	1250	63	31																			13	
14	Port Greville.	12	120			350	700	85	127	3	3	450	450	7	3																			14	
15	Parrsboro and Two-											220	220																						15
16	Islands.	25	250			50	100							27	13																				16
62			620	18952	94760	1645	3290	455	682	122	122	4100	4100	15010	7503	101	505	854	854 68	9615	544 79	237	1927	9635	15	120	1095	5475	25	25					17

*Cwt.=100 lbs.

THE CATCH MARKETING.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, etc., state, for the County of Cumberland, Province of Nova Scotia, during the Year 1912-13.

Number.	Fishing Districts.	Salmon, fresh and frozen, cwts.	Lobsters, canned, cases.	Lobsters, shipped in shell, cwts.	Cod, fresh, cwts.	Cod, shipped green-salted, cwts.	Cod, dried, cwts.	Haddock, fresh, cwts.	Haddock, smoked, cwts.	Haddock, dried, cwts.	Hake and cusk, dried, cwts.	Pollock, fresh, cwts.	Pollock, dried, cwts.	Herring, fresh, cwts.	Herring, smoked, cwts.	Herring, pickled, brls.	Herring, used as bait, brls.	Herring, used as fertilizer, brls.	Number.
<i>Cumberland County.</i>																			
1	Malagash, East-Wallace and Fox-Harbour.	...	3683	...	...	...	...	...	...	...	...	...	...	...	...	...	300	...	1
2	Pugwash and Gulf-Shore.	...	8206	...	...	...	...	...	...	...	...	...	...	...	...	...	500	...	3
3	Port-Philip, Northport and Amherst-Shore.	...	550	10	...	...	...	...	...	...	...	...	...	200	4667	...	815	1000	5
4	Wallace River.	...	...	...	...	...	...	...	...	...	...	...	...	20	...	...	...	...	4
5	River Philip.	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
6	Maccan and Nappan.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7
7	Minudie to Apple River.	...	...	180	...	...	...	...	...	...	6	...	...	...	...	...	...	...	8
8	Advocate.	10	...	80	60	100	140	20	8	60	20	110	690	5	...	...	6	...	9
9	Spencer's Island.	10	...	84	60	50	135	20	7	40	13	140	370	10	...	...	4	...	10
10	Port Greville.	12	...	...	20	50	75	10	...	25	1	60	180	5	...	...	1	...	11
11	Parrsboro and Two Islands.	25	...	...	6	20	...	10	...	...	...	25	65	15	...	...	4	...	12
Totals.		62	7439	354	146	220	350	60	15	125	40	335	1255	268	4667	48	1630	1000	13
Rates.		15	18	10	2.54	3.50	6	3	6	5	4	1.50	4.50	1	3	4.50	1.75	.50	14
Values.		930	133902	3540	365	770	2100	180	90	625	160	503	5648	268	14001	216	2853	500	15

4 GEORGE V., A. 1914

THE

RETURN showing the Quantities and Values of all Fish caught and landed in a
the year

Number.	Fishing Districts.	Salmon, * cwts.	Salmon, value.	Lobsters, cwts.	Lobsters, value.	Cod, cwts.	Cod, value.	Pollock, cwts.	Pollock, value.	Herring, cwts.	Herring, value.	Mackerel, cwts.	Mackerel, value.	Shad, cwts.	Shad, value.
	<i>County of Colchester.</i>		\$		\$		\$		\$		\$		\$		\$
1	Sterling.....			785	3925										
2	Stewiacke.....	86	860											70	350
3	Five Islands.....					110	330	20	40	80	80			5	25
4	Economy.....	18	180												
5	Little Bass River to Highland Village....	80	800											23	115
6	Great Village to Queens Village	250	2500											61	305
	Totals.	434	4340	785	3925	110	330	20	40	80	80			159	795

*Owt. = 100 lbs.

SESSIONAL PAPER No. 22

CATCH.

Green Sate in the County of Co'chester, Province of Nova Scotia, during 1912-13.

Alewives, cwts.	Alewives, value.	Sardines, cwts.	Sardines, value.	Halibut, cwts.	Halibut, value.	Flounders, cwts.	Flounders, value.	Smelts, cwts.	Smelts, value.	Trout, cwts.	Trout, value.	Bass, cwts.	Bass, value.	Oysters, brls.	Oysters, value.	Clams, brls.	Clams, value.	Number.
	\$		\$		\$		\$		\$		\$		\$		\$		\$	
543	543	....	....	....	....	....	....	175	875	2	16	....	....	134	536	....	....	1
....	....	....	....	....	....	....	....	....	....	2	64	5	25	....	....	....	....	2
....	....	....	....	....	....	....	....	....	....	3	40	....	....	....	....	....	....	3
....	....	....	....	....	....	....	....	....	....	3	24	....	....	....	....	62	62	4
....	....	....	....	....	....	....	....	....	....	1	8	....	....	....	....	....	....	5
....	....	....	....	....	....	....	....	....	....	2	16	....	....	....	....	....	....	6
543	543	....	....	....	....	....	....	175	875	21	168	5	25	134	536	62	62	

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in
Nova Scotia, during

Number.	Fishing Districts.	Salmon, fresh and frozen, *cwt.	Lobster, canned, cases.	Cod, fresh, cwts.	Cod, dried, cwts.	Pollock, fresh, cwts.	Pollock, dried, cwts.
<i>Colchester County.</i>							
1	Sterling.....		315				
2	Stewiacke.....	86					
3	Five Islands.....			70	14	10	3
4	Economy.....	18					
5	Little Bass River to Highland Village.....	80					
6	Great Village to Queens Village.....	250					
	Totals.....	434	315	70	14	10	3
	Rates.....	\$ 15	18	2.50	6	1.50	4.50
	Values.....	\$ 6510	5670	175	84	15	13
	Total Value.....						

THE

RETURN showing the Quantities and Values of all Fish caught and landed in a Green state

Number.	Fishing Districts.	Salmon, *cwts.	Salmon, value.	Lobsters, cwts.	Lobsters, value.	Cod, cwts.	Cod, value.	Haddock, cwts.	Haddock, value.	Hake and Cusk, cwts.	Hake and Cusk, value.
<i>Pictou County.</i>			\$		\$		\$		\$		\$
1	West Pictou.....	3	30	12845	64225	95	190				
2	Pictou Island.....			8458	42290	34	68				
3	Pictou Harbour.....	20	200	15	120	96	192	15	30	2	3
4	Little Harbour and East Branch St. Mary's.....	120	1200	1082	5410	34	68				
5	Merigomish Island.....	134	1340	683	3415	10	20				
6	Ponds.....	112	1120	2033	10165	30	60				
7	Lismore.....	17	170			5	10				
	Totals.....	406	4060	25116	125625	304	608	15	30	2	3

*Cwt..=100 lb s.

SESSIONAL PAPER No. 22
MARKETED.

a fresh, dried, pickled, canned, &c., state, for the County of Colchester, Province of the Year 1912-13.

Herring, fresh, cwts.	Herring, smoked, cwts.	Herring, used as bait, brls.	Shad, fresh, cwts.	Shad, salted, brls.	Alewives, fresh, cwts.	Alewives, salted, brls.	Smelts, fresh, cwts.	Trout, fresh, cwts.	Bass, fresh, cwts.	Oysters, fresh, brls.	Clams and Quahogs, fresh, brls.	Number.
.....	.....	.....	.....	.....	.....	.....	175	2	.....	134	.....	1
20	20	10	70	.....	543	.....	.....	3	5	.....	.....	2
.....	.....	.....	5	.....	.....	.....	.....	5	.....	.....	62	3
.....	.....	.....	23	.....	.....	.....	.....	3	.....	.....	.....	4
.....	.....	.....	61	.....	.....	.....	.....	1	.....	.....	.....	5
.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	6
20	20	10	159	.....	543	.....	175	21	5	134	62	
1	3	1.75	10	.....	2.50	.....	7	10	10	6	2	
20	60	17	1590	.....	1358	.....	1225	210	50	804	124	
										\$17,925		

CATCH.

in the County of Pictou, Province of Nova Scotia, during the Year 1912-13.

Herring, cwts.	Herring, value.	Mackerel, cwts.	Mackerel, value.	Alewives, cwts.	Alewives, value.	Smelts, cwts.	Smelts, value.	Trout, cwts.	Trout, value.	Bass, cwts.	Bass, value.	Eels, cwts.	Eels, value.	Mixed Fish, cwts.	Mixed Fish, value.	Oysters, brls.	Oysters, value.	Number.
.....
2200	2200	3	18	.....	.....	18	90	2	16	.....	.....	.....	.....	50	100	150	750	1
2000	2000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
780	780	21	126	8	16	65	325	4	32	17	85	50	150	.....	.....	.....	.....	3
633	633	.....	.....	.....	.....	35	175	3	24	.....	.....	.....	.....	.....	.....	.....	.....	4
382	382	8	48	.....	.....	40	200	3	24	.....	.....	16	48	.....	.....	.....	.....	5
518	518	35	210	.....	.....	30	150	1	8	.....	.....	.....	.....	.....	.....	.....	.....	6
252	252	10	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
6765	6765	77	462	8	16	188	940	13	104	17	85	66	198	50	100	150	750	

THE CATCH

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in
Nova Scotia, during

Number.	Fishing Districts.	Salmon, fresh and frozen, *cwts.	hsters, canned, cases.	Lobsters, shipped in shell, cwts.	Cod, fresh, cwts.	Cod, dried, cwts.
	<i>County of Pictou.</i>					
1	West Pictou.....	3	5139		95	
2	Pictou Island.....		3383		16	6
3	Pictou Harbour	20		15	96	
4	Little Harbour and East Branch St. Mary's.	120	421	30	34	
5	Merigomish Island.....	134	273		10	
6	Ponds.. ..	112	813		30	
7	Lismore.....	17			5	
	Totals.	406	10029	45	286	6
	Rates \$	15.00	18.00	10.00	2.50	6.00
	Values. \$	6090	180522	450	715	36
	Total value.....					

THE

RETURN showing the Quantities and Values of all Fish caught and landed in a
the Year

Number.	Fishing Districts.	Salmon, *cwts	Salmon, value.	Lobsters, cwts.	Lobsters, value.	Cod, cwts.	Cod, value.	Haddock, cwts.	Haddock, value.	Hake and Cusk, cwts.	Hake and Cusk, value.	Pollock, cwts.	Pollock, value.	Herring, cwts.
	<i>County of Antigonish.</i>		\$		\$		\$		\$		\$		\$	
1	Harbour au Bouche, Linwood and Cape Jack.....	55	550	3237	16185	463	463	16	16	50	25	35	35	1678
2	Tracadie, Bayfield, Monk's Head and South Side Antigonish Harbour.	733	7330	1697	9485	127	127	22	22	31	16	..	....	958
3	North Side of Antigonish Harbour, Lakevale and S. Side Cape George	173	1730	4257	21285	721	721	194	194	1944	972	....	...	1586
4	North Side Cape George, Georgeville and Malignant Cove to Knoydart.....	127	1270	1675	8375	106	106	64	64	1485	743	....	....	1082
	Totals	1088	10880	10866	55330	1417	1417	296	296	3510	1756	35	35	5304

Cwt.=100 lbs.

SESSIONAL PAPER No. 22

MARKETED.

a fresh, dried, pickled, canned, etc., state, for the County of Pictou, Province of the Year 1911-13.

Haddock, fresh, cwts.	Hake and Cusk, fresh, cwts	Herring, fresh, cwts.	Herring, pickled, brls.	Herring used as bait, brls.	Mackerel, fresh, cwts.	Alewives, fresh, cwts.	Smelts, fresh, cwts.	Trout, fresh, cwts.	Bass, fresh, cwts.	Eels, fresh, cwts.	Mixed Fish, fresh, cwts.	Oysters, fresh, brls.	Number.
		100	500	300	3		18	2			50	150	1
15	2	780	400	400	21		65	4	17	50			2
		530	1	41			35	3					3
		50	4	160	8		40	3		16			4
		100	6	200	35		30	1					5
		40		106	10								6
15	2	1600	917	1207	77	8	188	13	17	66	50	150	
3.00	1.50	1.00	4.50	1.75	8.00	2.50	7.00	10.00	10.00	5.00	2.00	6.00	
45	3	1600	4126	2113	616	20	1316	130	170	330	100	900	
												\$199,232	

CATCH.

Green State in the County of Antigonish, Province of Nova Scotia, during 1912-13.

Herring, value.	Mackerel, cwts.	Mackerel, value.	Flounders, cwts.	Flounders, value.	Smelts, cwts.	Smelts, value.	Trout, cwts.	Trout, value.	Bass, cwts.	Bass, value.	Eels, cwts.	Eels, value.	Tom-cod, cwts.	Tom-cod, value.	Mixed Fish, cwts.	Mixed Fish, value.	Squid, brls.	Squid, value.	Oysters, brls.	Oysters, value.	Number.
\$		\$		\$		\$		\$		\$		\$		\$		\$		\$		\$	
1678	770	3850	5	10	14	70	1	10			3	12	15	30	200	100	48	96			1
958	8	40			66	330	1	10	90	450	70	280	4	8	30	15	8	16	614	2456	2
1536	10	50			57	285	4	40			3	12			40	20	8	16			3
1082	34	170					1	10	15	75					50	25	14	28			4
5304	822	4110	5	10	137	685	7	70	105	525	76	304	19	38	320	160	78	156	614	2456	

4 GEORGE V., A. 1914

THE CATCH

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in
Nova Scotia, during

Number.	Fishing Districts.	Salmon, fresh and frozen, cwts.	Lobsters, canned, cases.	Cod, fresh, cwts.	Cod, shipped green-salted, cwts.	Cod, dried, cwts.	Haddock, fresh, cwts.	Haddock, dried, cwts.	Hake and Cusk, fresh, cwts.	Hake and Cusk, dried, cwts.	Pollock, fresh, cwts.	Pollock, dried, cwts.
	<i>County of Antigonish.</i>											
1	Harbour au Bouche, Linwood and Cape Jack.....	55	1295	20	83	89	4	4	.....	17	35	....
2	Tracadie, Bayfield, Monk-Head and South Side Antigonish Harbour.....	733	678	25	30	14	4	5	.....	10	...	....
3	North Side Antigonish Harbour, Lakevale and South Side Cape George.....	173	1703	300	50	107	59	45	.....	648	.....	....
4	North Side of Cape George, Georgeville and Malignant Cove to Knoydart..	127	670	20	10	22	34	9	.....	495	.....	....
	Totals.....	1088	4346	375	173	232	101	63	.....	1170	35	....
	Rates	15.00	18.00	2.50	3.50	6.00	3.00	5.00	.. ..	4.00	1.50	....
	Values.....	16320	78288	937	606	1392	303	315	.....	4680	53	....
	Total value.....											....

Cwts, =100 lbs.

SESSIONAL PAPER No. 22

MARKETED.

a fresh, dried, pickled, canned, &c., state, for the County of **Antigonish**, Province of the Year 1912-13.

Herring, fresh, cwts.	Herring, pickled, brls.	Herring, used as bait, brls.	Herring, used as fertilizer, brls.	Mackerel, fresh, cwts.	Mackerel, salted, brls.	Flounders, fresh, cwts.	Smelts, fresh, cwts.	Trout, fresh, cwts.	Bass, fresh, cwts.	Eels, fresh, cwts.	Tom-cod, fresh, cwts.	Mixed Fish, fresh, cwts.	Squid, used as bait, brls.	Oysters, fresh, brls.	Fish Oil, gals.	Number.
	150	594	20	704	22	5	14	1	.....	3	15	200	48	.....	220	1
...	30	414	20	8	.....	.....	66	1	90	70	4	30	8	614	25	2
22	140	572	.....	10	.....	.....	57	4	.....	3	.....	40	8	.....	400	3
70	150	281	.....	34	.....	.....	.....	1	15	.....	.....	50	14	.....	350	4
92	470	1861	46	756	22	5	137	7	105	76	19	320	78	614	995	
1.00	4.50	1.75	50c	8.00	15	2.50	7	10	10	5	2	2	4	6	40c	
92	2115	3257	20	6048	330	12	959	70	1050	380	38	640	312	3684	398	
.....															\$122,209	

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the County of Guysboro, Province of Nova Scotia, during the Year 1912-13.

Number.	Fishing Districts.	Salmon, * cwt.s.		Salmon, value.		Lobsters, cwt.s.		Lobsters, value.		Cod, cwt.s.		Cod, value.		Haddock, cwt.s.		Haddock, value.		Hake and Cusk, cwt.s.		Hake and Cusk, value.		Pollock, cwt.s.		Pollock, value.		Herring, cwt.s.		Herring, value.		Mackerel, cwt.s.		Mackerel, value.		Alewives, cwt.s.	
			\$		\$		\$		\$		\$		\$		\$		\$		\$		\$		\$		\$		\$		\$		\$		\$		
1	Ecum Secum.....	10	100	130	1040	540	810	120	180	15	15	67	67	490	490																				
2	Marie Joseph.....	5	50	250	2000	920	1380	70	105	111	111	68	68	474	474																				
3	Liscomb and Spanish Ship Bay	15	150	1179	5895	1359	2038	214	321	33	33	80	80	2140	2140																				
4	Gegoggin	30	300	80	640	400	600	60	90			45	45	500	500																				
5	St. Mary's Bay and River	200	2000	80	640	345	517	15	23			12	12	364	364																				
6	Wine Harbour.....	25	250	100	800	220	330	27	40			3	3	780	780																				
7	Port Hilford.....	30	300	80	640	250	375	84	126			9	9	810	810																				
8	Holland's Harbour and Indian River	6	60	50	400	46	69							335	335																				
9	Port Beckerton			371	2908	750	1125	502	753			51	51	2340	2340																				
10	Fisherman's Harbour	5	50	1420	7100	452	678	60	90			72	72	1440	1440																				
11	Country Harbour.....	20	200	100	800	60	90					6	6	150	150																				
12	Isaac's Harbour.....	5	50	2113	10565	1260	1575	30	38			64	64	1017	1017																				
13	Drum Head.....			3810	19050	1204	1505	136	170			109	109	1606	1606																				
14	Seal Harbour.....					1297	1621	80	100			103	103	406	406																				
15	Coddle's Harbour.....					562	702	45	56			31	31	320	320																				
16	New Harbour.....	1	10			1467	1834	334	418			315	315	2484	2484																				
17	Tor Bay.....			606	3030	600	750	25	31			174	174	290	290																				
18	Larry's River.....	1	10			2550	3187	968	1210			558	558	2290	2290																				
19	Charlo's Cove.....					2700	3375	910	1138			360	360	1993	1993																				
20	Cole Harbour.....	3	30			976	1220	576	720			90	90	878	878																				
21	Port Felix.....			150	750	3676	4695	1948	2435			294	294	1978	1978																				
22	Whitehead.....	4	40			6656	8320	3478	4347			780	780	1063	1063																				
23	Raspberry and Dover.....			1445	7225	2556	3195	696	870			228	228	135	135																				
24	Canso and Canso Tittle.....	100	1000	4073	20365	32000	49520	116006	145007			8986	8986	2504	2504																				
25	Fox Island Maine.....	2	20			496	620	498	622			42	42	163	163																				
26	Half Island Cove.....	1	10	196	980	2686	3345	2676	3345			588	588	849	849																				
27	Philip's Harbour.....					1648	2060	1648	2060			270	270	401	401																				
28	Queensport.....	11	110	1500	7500	3027	3784	2084	2605			541	541	900	900																				
29	Peas Brook.....					840	1050	296	370			39	39	360	360																				
30	Half Way Cove.....					998	1247	492	615			177	177	1149	1149																				

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31	Sandy Cove and Cook's Cove.	40	400	496	620	198	248	190	143	300	180	391	391	490	1470	3
32	Guysboro and Manchester	110	1100	.....	.....	304	380	54	67	18	13	160	96	210	210	102	306	.....
33	Port Shoreham	90	900	.....	.....	392	490	158	198	60	45	75	45	250	250	106	318	.....
34	St. Francis	.....	.....	.....	.....	669	836	270	338	220	165	80	48	176	176	250	750	.....
35	Oyster Ponds	.....	.....	.....	.....	200	250	88	110	40	30	20	12	325	325	100	300	.....
36	Sand Point	.....	.....	.....	.....	196	245	60	75	65	49	25	15	469	469	179	537	.....
37	Middle Melford	.....	.....	.....	.....	76	95	250	312	80	60	100	60	632	632	850	2550	.....
38	Mulgrave and Auld's Cove	72	720	2288	11440	52	65	76	95	8	6	35	21	20	20	49	147	.....
	Totals	786	7860	22618	116813	74926	104498	135232	169373	9555	7258	24124	14639	33082	33082	13048	39144	.....

*Cwt. = 100 lbs.

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the County of Guysboro, Province of Nova Scotia, during the Year 1912-13—Continued.

Number.	Fishing Districts.	Alewives, value.	Hallibut, cwts.	Hallibut, value.	Smelts, cwts.	Smelts, value.	Trout, cwts.	Trout, value.	Eels, cwts.	Eels, value.	Swordfish, cwts.	Swordfish, value.	Squid, brls.	Squid, value.	Clams, brls.	Clams, value.	Whales, number.	Whales, value.
Guysboro County																		
1	Ecum Secum		26	208			1	6			6	12						
2	Marie Joseph		41	328					20	80								
3	Liscomb and Spanish Ship Bay		46	368														
4	Gegoggin		4	32			1	6										
5	St. Mary's Bay and River		19	152			3	18									1	100
6	Wine Harbour		6	48														
7	Port Hilford		2	16	35	175	1	6										
8	Holland's Harbour and Indian River						1	6	25	100								
9	Port Beckerton		142	1136							8	16						
10	Fisherman's Harbour		25	200							31	62						
11	Country Harbour						2	12										
12	Isaac's Harbour		46	230			2	12			94	470						
13	Drum Head		107	535							325	1625						
14	Seal Harbour		35	175			1	6			207	1035						
15	Coddle's Harbour		52	260					30	60	44	220						
16	New Harbour		134	670	70	350					28	140						
17	Tot Bay		9	45														
18	Larry's River		50	250			1	6										
19	Charlo's Cove		46	230					5	10	7	35						
20	Cole Harbour		2	10			2	12	10	20								
21	Port Felix		12	60														
22	Whitehead		70	350			3	18			310	1550						
23	Raspberry and Dover		8	40							425	2125						
24	Canso and Canso Tittle	6	826	4130	5	25					706	3530	450	1800				
25	Fox Island Maine		2	10							200	1000						
26	Half Island Cove										170	850						
27	Philip's Harbour																	
28	Queensport		30	150			1	6	1	2			100	400				
29	Peas Brook												10	40				
30	Half Way Cove												100	400				

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[illegible]

*Cwt. = 100 lbs.

THE CATCH MARKETED.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state, for the County of Guysboro, Province of Nova Scotia, during the year 1912-13.

Number.	Fishing Districts.	Herring, fresh, cwt.	Herring, smoked, cwt.	Herring pickled, brs.	Herring, used as bait, brs.	Mackerel, fresh, cwt.	Mackerel, salted, brs.	Alewives, fresh, cwt.	Halibut, fresh, cwt.	Smelts, fresh, cwt.	Trout, fresh, cwt.	Eels, fresh, cwt.	Swordfish, fresh, cwt.	Squid, used as bait, brs.	Clams and quahaugs, used fresh, brs.	Fish oil, galls.	Whale oil, galls.	Number.
1	Ecum Secum			150	20				26		1		6			300		1
2	Marie Joseph			138	30				41			20				400		2
3	Liscomb and Spanish Ship Bay			680	50				46							400		3
4	Gegoggin			160	10				4		1					150		4
5	St. Mary's Bay and River			114	10				19		3					90	300	5
6	Wine Harbour			260					6				18		5	40		6
7	Port Hilford			270					2		1					20		7
8	Holland's Harbour and Indian River			105	10						1	25						8
9	Port Beckerton			700	120		124		142	35			8					9
10	Fisherman's Harbour			460	30		27		25				31			80		10
11	Country Harbour			50							2							11
12	Isaac's Harbour			139	300	150	39		46		2		94			192		12
13	Drum Head			402	200	200	97		107				325			275		13
14	Seal Harbour			102	50		26		35		1		207			115		14
15	Coddle's Harbour			80	40		6		52	70		30	44			123		15
16	New Harbour			728	150		98		134				28			576		16
17	Tor Bay			90	10		30		9							257		17
18	Larry's River			750	20		233		50		1					623		18
19	Charlo's Cove			653	17	4	82		46			5	7			872		19
20	Cole Harbour			286	10	50	33		2		2	10				57		20
21	Port Felix			626	50	700	83		12							823		21
22	Whitehead			321	50	1000	117		70		3		310			772		22
23	Raspberry and Dover			35	15	50	13		8				425			25		23
24	Can-so and Canso Tittle			168	1000	3000	200	3	826	5			706	450		1636		24
25	Fox Island Main			31	35	216	3		2				200			72		25
26	Half Island Cove			83	300	404	22						170			327		26
27	Philip's Harbour			67	100	228	9									175		27
28	Queensport			50	350	600	50		30		1			100		637		28
29	Peas Brook			60	90	76	7							10		495		29
30	Halfway Cove			283	150	275	35							100		320		30

THE CATCH.
RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the County of Halifax,
Province of Nova Scotia, during the year 1912-13.

Number.	Fishing Districts.		Salmon, cwt.		Salmon, value.		Lobsters, cwt.		Lobsters, value.		Cod, cwt.		Cod, value.		Haddock, cwt.		Haddock, value.		Hake and Cusk, cwt.		Hake and Cusk, value.		Pollack, cwt.		Pollack, value.		Herring, cwt.		Herring, value.		Mackerel, cwt.		Mackerel, value.		Shad, cwt.		Shad, value.		Alewives, cwt.		Alewives, value.		Number.								
Halifax County.																																																			
1	North Shore		10		100		500		3000	1620		2430		65		98		100		100		225		225		415		622		300		1800				50		75		1		1									
2	East St. Margaret's		50		500		1200		7200	2000		3000		2000		3000		700		700		250		250		1200		1800		300		1800				2		3		2		2									
3	Indian Harbour		65		650		1500		9000	4000		6000		3400		5190		2000		2000		240		240		1520		2280		500		3000										3		3							
4	Peggy's Cove		50		500		500		3000	300		450		600		900		80		80		80		80		142		213		212		1272											4		4						
5	Dover		278		2780		2270		13620	4000		6000		3000		4500		1000		1000		240		240		2052		3078		1500		9000				200		300		5		5									
6	Prospect		275		2750		1000		6000	1014		1521		1200		1800		600		600		200		200		1750		2625		1000		6000											6		6						
7	Terrence Bay		15		150		774		4644	4062		6093		4000		6000		1225		1225		200		200		2145		3222		700		4200											7		7						
8	Pennant		30		300		500		3000	2000		3000		2518		3777		390		390		125		125		826		1239		100		600											8		8						
9	Sambro		29		290		500		3000	2000		3000		2000		3000		390		390		90		90		826		1239		100		600												9		9					
10	Ketch Harbour		25		250		50		300	4000		6000		1800		2700		1800		1800		140		140		1270		1905		110		660				300		450		10		10									
11	Portuguese Cove		120		1200		300		1800	150		225		600		900		80		80		80		80		950		1425		90		540													11		11				
12	Herring Cove		28		280		300		1800	3000		4500		2000		3000		1900		1900		100		100		870		1305		120		720													12		12				
13	Ferguson's Cove		5		50		5		30	25		37		5		8						5		5		5		8		5		30													13		13				
14	Bedford & Grand Lake		15		150		7		42	25		38		5		7						5		5		157		235		5		30		7		49		200		300		14		14							
15	Halifax						5		30	1135		1702		60		90		50		50		60		60		20		30		3		18													15		15				
16	Dartmouth, Eastern Passage & Devil's Island		2		24		33		165	2262		3893		688		1032		30		30		201		201		85		85		65		390														16		16			
17	Cow Bay & Lawrencetown		48		576					59		88		26		39						9		9		160		160		8		48				20		20							17		17				
18	Seaforth & Three Fathom Harbour		2		24					58		87		16		24						24		24		316		316		4		24				26		26								18		18			
19	West Chezetcook									6096		9144		246		369						54		54		4384		4384		5		30				90		90								19		19			
20	East Chezetcook									146		219		20		30						36		36		353		353								6		6							20		20				
21	Petpeswick Harbour									849		1273		132		198						246		246		412		412		5		30															21		21		
22	Musquodoboit Harbour		64		768					1766		2649		257		385		18		18		435		435		1396		1396		17		102															22		22		
23	Jeddore		3		36		1686		8430	5935		8903		245		368		204		204		645		645		3344		3344		17		102		84													23		23		
24	Clam Harbour & Owls Head		8		96		4294		21470	2340		3510		160		240		126		126		115		115		2224		2224		13		78															24		24		
25	West Ship Harbour									569		854		150		225						45		45		647		647																			25		25		
26	East Ship Harbour									606		757		36		36		75		75		45		45		1498		1498		12		24																26		26	
27	Pleasant Harbour and Tangier		5		50					2175		2719		312		312		15		15		183		183		3502		3502		15		30																27		27	
28	Pope's Harbour and Gerrard's Island						558		2232	978		1222		135		135		27		27		162		162		3330		3330		24		48																28		28	

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29 Spry Bay, Taylor Head & Musha- boom	3	30	1420	5680	2838	3547	135	135	432	225	225	9852	9852	252	504	133	906	1282	29
30 Sheet Harbour and Sober Island ..	32	320			1131	1414	240	240	282	81	81	2376	2376	3	6				30
31 Beaver Harbour and Port Dufferin .	10	100	1880	7520	417	521	24	24	12	18	18	488	488						31
32 Quoddy and Harrigan Cove.....	10	100	1927	7708	585	732	3	3	30	3	3	324	324	9	18				32
33 Moser River and Smith's Cove.....	5	50			120	150						30	30						33
34 Mitchell's Bay and Ecum-Secum ..	?		1529	6116	603	754	36	36	6	9	9	968	968						34
Totals.....	1187	12124	22738	115787	58864	8593	26174	38801	11632	11632	4576	49900	57005	5494	31704	133	906	1282	

Cwt. = 100 lbs.

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the County of Halifax,
Province of Nova Scotia, during the year 1912-13—Continued.

Number.	Fishing Districts.	Halibut, cwts.	Halibut, value.	Flounders, cwts.	Flounders, value.	Smelts, cwts.	Smelts, value.	Trout, cwts.	Trout, value.	Albacore, cwts.	Albacore, value.	Eels, cwts.	Eels, value.	Tom-Cod, cwts.	Tom-Cod, value.	Sword-Fish, cwts.	Sword-Fish, value.	Squid, brls.	Squid, value.	Oysters, brls.	Oysters, value.	Clams, brls.	Clams, value.	Hair Seal Skins, Number.	Hair Seal Skins, value.	Number.
1	North Shore	600	4200	100	100	...	...	30	180	200	250	50	200	16	16	100	500	50	100	...	...	40	60	...	...	1
2	East St. Margaret's	1629	11403	100	100	...	...	20	120	120	150	50	200	...	...	100	500	100	200	...	...	30	45	...	...	2
3	Indian Harbour	1200	8400	50	50	...	...	20	120	100	125	20	80	...	...	100	500	25	50	...	...	25	37	...	...	3
4	Peggy's Cove	20	140	70	70	...	...	5	30	50	62	20	80	...	...	90	450	20	40	...	...	20	30	...	...	4
5	Dover	1300	9100	100	100	...	...	10	60	100	125	80	320	...	...	100	500	50	100	...	...	75	113	...	...	5
6	Prospect	900	6300	100	100	...	...	9	54	100	125	30	120	...	...	100	500	25	50	...	...	65	97	...	...	6
7	Terrence Bay	1000	7000	107	107	...	...	10	60	100	125	60	240	...	...	100	500	20	40	...	...	25	38	...	...	7
8	Pennant	700	4900	50	50	...	...	9	54	50	62	10	40	...	...	60	300	25	50	...	...	5	8	...	...	8
9	Sambro	600	4200	50	50	...	...	8	48	50	63	10	40	...	...	50	250	20	40	...	...	10	15	...	...	9
10	Ketch Harbour	1000	7000	50	50	...	...	2	12	50	62	10	40	...	...	72	360	20	40	...	...	...	...	...	...	10
11	Portuguese Cove	700	4900	50	50	...	...	11	66	50	63	10	40	...	...	50	250	25	50	...	...	...	...	...	...	11
12	Hercing Cove	1000	7000	50	50	...	...	2	12	50	62	2	8	...	...	150	750	20	40	...	...	...	...	...	...	12
13	Ferguson's Cove	...	...	...	...	...	...	...	...	...	...	5	20	...	...	...	...	...	...	...	...	...	...	...	...	13
14	Bedford & Grand Lake	...	...	...	...	...	...	30	180	...	...	10	40	...	...	...	...	...	...	...	...	...	...	...	...	14
15	Halifax	300	2100	...	...	23	138	10	60	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	15
16	Dartmouth, Eastern Passage and Devil's Island.	161	805	266	266	...	...	...	...	...	...	9	27	...	...	325	1625	...	...	...	...	50	50	...	...	16
17	Cow Bay & Lawrencetown	1	5	30	30	6	30	3	18	...	...	6	18	...	...	...	...	...	...	...	...	50	50	...	...	17
18	Seaforth & Three Fathom Harbour	4	20	22	22	50	25	3	18	...	...	12	36	...	...	...	...	...	...	...	...	190	190	...	...	18
19	West Chezetcook	16	80	33	33	70	350	3	18	...	...	12	36	...	...	3	15	...	...	...	...	1600	1600	...	...	19
20	East Chezetcook	2	10	18	18	8	40	5	30	...	...	30	90	...	...	2	10	...	...	...	...	1050	1050	...	...	20
21	Petpeswick Harbour	9	45	20	20	2	10	3	18	...	...	10	30	...	...	16	80	...	...	...	...	550	550	...	...	21
22	Musquodoboit Harbour	50	250	20	20	230	1150	8	48	...	...	15	45	...	...	9	45	...	...	5	25	500	500	...	...	22
23	Jeddore	72	360	27	27	4	20	4	24	...	...	20	60	...	...	14	70	...	...	...	...	400	400	...	...	23
24	Clam Harbour & Owl's Head	76	380	36	36	4	20	4	24	...	...	6	18	...	...	...	...	...	...	...	...	1550	1550	...	...	24
25	West Ship Harbour	42	210	20	20	5	25	7	42	...	12	11	33	...	...	...	...	...	...	...	...	25	25	...	...	25
26	East Ship Harbour	40	160	...	...	...	...	2	20	...	...	...	...	...	...	...	...	...	...	...	...	2	4	...	...	26
27	Pleasant Harbour and Tangier	105	420	...	...	...	...	4	40	...	...	16	32	...	...	5	20	...	...	...	...	5	10	...	...	27
28	Pope's Harbour & Gerrard's Island	38	152	...	...	...	...	...	...	...	...	...	...	...	...	3	12	...	...	...	...	2	4	...	...	28

[illegible]

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in
Nova Scotia, during

Number.	Fishing Districts.	Salmon, fresh and frozen, *cwt.s.	Salmon, smoked, cwt.s.	Lobsters, canned, cases.	Lobsters, shipped in shell, cwt.s.	Cod, fresh, cwt.s.
<i>Halifax County.</i>						
1	North Shore	8	1			
2	East St. Margarets	42	4			700
3	Indian Harbour	65				
4	Peggy's Cove	50				
5	Dover	270	4			
6	Prospect	271	2			300
7	Terrence Bay	13	1	90	13	
8	Pennant	30				1000
9	Sambro	29		494	843	1000
10	Ketch Harbour	25				2000
11	Portuguese Cove	120				75
12	Herring Cove	28				1500
13	Ferguson's Cove	5				25
14	Bedford and Grand Lake	15				25
15	Halifax				7695	1135
16	Dartmouth, Eastern Passage and Devil's Island	2			33	600
17	Cow Bay and Lawrencetown	48				5
18	Seaforth and Three Fathom Harbour	2				4
19	West Chezetcook					12
20	East Chezetcook					2
21	Petpeswick Harbour					30
22	Musquodoboit Harbour	52	6			17
23	Jeddore	3		498	441	15
24	Clam Harbour and Owl's Head	4	2	1244	1184	10
25	West Ship Harbour					9
26	East Ship Harbour					
27	Pleasant Harbour and Tangier	5				
28	Pope's Harbour and Gerrard's Island			197	66	
29	Spry Bay, Taylor's Head and Mushaboom	3		460	270	
30	Sheet Harbour and Sober Island	10	13			
31	Beaver Harbour and Port Dufferin	5	3	587	412	
32	Quoddy and Harrigan Cove	5	3	636	337	
33	Moser River and Smith's Cove	3	1			
34	Mitchell's Bay and Ecum Secum			504	269	
	Totals	1113	40	4710	10963	8464
	Rates \$	15	20	18	10	2 50
	Values \$	16695	800	84780	109630	21160

SESSIONAL PAPER No. 22

MARKETED.

a fresh, dried, pickled, canned, &c., state, for the County of **Halifax**, Province of the Year 1912-13.

Cod, dried, cwts.	Haddock, fresh, cwts.	Haddock, smoked, cwts.	Haddock, dried, cwts.	Hake and Cusk, dried, cwts.	Pollock, fresh, cwts.	Pollock, dried, cwts.	Herring, fresh, cwts.	Herring, smoked, cwts.	Herring, pickled, brls.	Number.
540			22	34		75	150		35	1
434	1400	300		234		83	50		250	2
1334	1600	30	600	667		80	50		300	3
100	300		100	26		27		25	8	4
1336	1300	100	500	333		80	50	50	334	5
238	400	100	200	220		68	1000		70	6
1354	1800	100	667	408		67	500	100	200	7
334	2418	50		130		42	250		82	8
333	1900	50		130		30	250		82	9
665	1600	100		600		47	500	100	70	10
25	560	20		27		27	500	50	36	11
500	900	50	334	633		33	200	50	100	12
	5				5		5			13
	5				5		7		50	14
	60			17	60			10		15
554	400		96	10		67	22		15	16
18	2		8			3			50	17
18	1		5			8	2		100	18
2028	6		80			18	8		1400	19
48	2		6			12	2		111	20
273	12		40			82	4		124	21
583	8		83	6		145	6		430	22
1973	5		80	68		215	8		1080	23
776	8		56	42		38	6		718	24
186	8		47			15	6		203	25
202			12	25		15			492	26
725			104	5		61			1154	27
326			45	9		54			1100	28
946			45	144		75			3260	29
377			80	94		27			774	30
139			8	4		6			160	31
195			1	10		1			100	32
40									10	33
201			12	2		3			314	34
16801	14700	900	3225	3878	70	1504	3576	385	13266	
6	3	6	5	4	1.50	4.50	1	3	4.50	
100806	44100	5400	16125	15512	105	6768	3576	1155	59697	

THE CATCH

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in
Nova Scotia, during

Number.	Fishing Districts.	Herring, used as bait, brls.	Mackerel, fresh, cwts.	Mackerel, salted, brls.	Shad, fresh, cwts.	Alewives, fresh, cwts.	Alewives, sailed, brls.	Halibut, fresh, cwts.	Flounders, fresh, cwts.	Smelts, fresh, cwts.
Halifax County.										
1	North Shore	80	300			50		600	100	
2	East St. Margarets	230	300			2		1629	100	
3	Indian Harbour.....	285	500					1200	50	
4	Peggy's Cove.....	34	212			200		20	70	
5	Dover.....	450	1500					1300	100	
6	Prospect	270	1000					900	100	
7	Terrence Bay.....	334	700					1000	107	
8	Pennant.....	165	100					700	50	
9	Sambro	165	100					600	50	
10	Ketch Harbour.....	180	110			300		1000	50	
11	Portuguese Cove.....	130	90					700	50	
12	Herring Cove.....	135	120					1000	50	
13	Ferguson's Cove.....		5							
14	Bedford and Grand Lake		5		7	200				
15	Halifax.....		3					300		23
16	Dartmouth, Eastern Passage and Devil's Island.....	9	26	13		12		161	266	
17	Cow Bay and Laurencetown	6	2	2		20		1	30	6
18	Seaforth and Three Fathom Habr.	7	1	1		26		4	22	50
19	West Chezetcook.....	88	2	1			30	16	33	70
20	East Chezetcook.....	9					2	2	18	8
21	Petpeswick Harbour.....	18	2	1				9	20	2
22	Musquodoboit Harbour.....	50	2	5				50	20	230
23	Jeddore	48	2	5				72	27	4
24	Clam Harbour and Owl's Head....	32	1	4		6		76	36	4
25	West Ship Harbour.....	16						42	20	5
26	East Ship Harbour.....	11		4				40		
27	Pleasant Harbour and Tangier....	20		5				105		
28	Pope's Harbour and Gerrard's Isld	15		8				38		
29	Spry Bay, Taylor's Head and Mus- haboon.....	36		84				138		
30	Sheet Harbour and Sober Island..	27		1				101		10
31	Beaver Harbour and Port Dufferin	4						14		
32	Quoddy and Harrigan Cove	12		3				28		
33	Moser River and Smith's Cove.....									
34	Mitchell's Bay and Ecum Secum ..	13						35		3
Totals		2885	5083	137	7	816	32	11881	1369	415
Rates..... \$		1.75	8	15	10	2.50	4	10	2.50	7
Values..... \$		504	40661	2055	7	2040	128	118810	3423	2905

Total value

SESSIONAL PAPER No. 22

MARKETED

a fresh, dried, pickled, canned, &c., state, for the County of **Halifax**, Province of the Year 1912-13.

Trout, fresh, cwts.	Albacore, fresh, cwts.	Eels, fresh, cwts.	Tommy Cod, fresh, cwts.	Sword Fish, fresh, cwts.	Squid, used as bait, brls.	Oysters, fresh,	Clams and Quahaugs, fresh, cwts.	Clams and Quahaugs, canned, cwts.	Tongues and Sounds, pickled and dried.	Hear seal skins, No.	Fish oil, gals.	Number.
30	200	50	16	100	50		40		4		100	1
20	120	50		100	100		30		10		2000	2
20	100	20		100	25		25		10		4000	3
5	50	20		90	20		20		4		300	4
10	100	80		100	50		75		12		4000	5
9	100	30		100	25		65		7		700	6
10	100	60		100	20		25		12		4000	7
9	50	10		60	25		5		4		2000	8
8	50	10		50	20		10		5		1990	9
2	50	10		72	20				9		4000	10
11	50	10		50	25				6		100	11
2	50	2		150	20				8		3000	12
		5										13
30		10										14
10											1000	15
		9		325			50				480	16
3		6					50				6	17
3		12					190				9	18
3		12		3			1600				690	19
5		30		2			1050				18	20
3		10					550				147	21
8		15		16		5	500				280	22
4		20		9			400				788	23
4		6		14			1400	150			227	24
7	4	11					25				68	25
2							2				175	26
4		16		5			5				640	27
				3			2				300	28
8		12		3			7				800	29
10		20					6				287	30
5		20					3			17	116	31
8							2			42	215	32
7											10	33
6							3				90	34
266	1024	566	16	1452	400	5	6140	150	91	59	32536	
10	4	5	2	7	4	6	2	4.50	10	1.25	40c	
2660	4096	2830	32	10164	1600	30	12280	675	910	74	13014	

\$709,818

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State, in the County of **Hants**, Province of **Nova Scotia**, during the Year 1912-13.

Number.	Fishing Districts.	Salmon, *cwts.	Salmon, value.	Cod, cwts.	Cod, value.	Herring, cwts.	Herring, value.	Shad, cwts.	Shad, value.	Alewives, cwts.	Alewives, value.	Trout, cwts.	Trout, value.	Bass, cwts.	Bass, value.	Mixed Fish, cwts.	Mixed Fish, value.	Clams, cwts.	Clams, value.	Number.
	<i>Hants County.</i>		\$		\$		\$		\$		\$		\$		\$		\$		\$	
1	Hantsport to Windsor	18	180	..	..	..	..	30	150	200	200	30	240	..	..	..	..	5	5	1
2	Windsor to Noel	14	140	48	144	15	15	22	110	153	153	14	112	..	..	3	6	12	12	2
3	Maitland to Shubenacadie	20	200	..	..	..	..	..	..	300	300	4	32	1	5	..	..	..	..	3
4	Shubenacadie to Grand Lake	5	50	..	..	..	..	12	60	200	200	3	24	10	50	..	..	..	..	4
	Totals.....	57	570	48	144	15	15	64	320	853	853	51	408	11	55	3	6	17	17	

Cwts. =100 lbs.

THE CATCH MARKETED.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state, for the County of **Hants**, Province of **Nova Scotia**, during the Year 1912-13.

Number.	Fishing Districts.	Salmon, fresh and frozen, *cwts.	Cod, fresh, cwts.	Herring, fresh, cwts.	Shad, fresh, cwts.	Alewives, fresh, cwts.	Alewives, salted, brls.	Trout, fresh, cwts.	Bass, fresh, cwts.	Mixed Fish, fresh, cwts.	Clams & Quahaugs, fresh, brls.	Number.
	<i>Hants County.</i>											
1	Hantsport to Windsor. . . .	18	..	..	30	200	..	30	..	..	5	1
2	Windsor to Noel	14	48	15	22	153	..	14	..	3	12	2
3	Maitland to Shubenacadie	20	..	..	..	300	..	4	1	..	..	3
4	Shubenacadie to Grand Lake..	5	..	..	12	200	..	3	10	..	..	4
	Totals..	57	48	15	64	853	..	51	11	3	17	
	Rates.....\$	15	2 50	1	10	2.50	..	10	10	2	2	
	Values \$	855	120	15	640	2133	..	510	110	6	34	

Total value \$4,423

*Cwt. =100 lbs.

SESSIONAL PAPER No. 22

RECAPITULATION

Of the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, etc, state, for District No. 2, Province of Nova Scotia, during the Year 1912-13.

Kinds of Fish	Caught and Landed in a Green State.		Marketed.		Total Marketed Value.
	Quantity	Value.	Quantity.	Value.	
		\$		\$	\$
Salmon cwts.	4,020	40,454			
" used fresh and frozen "			3,946	59,190	
" smoked "			40	800	
					59,990
Lobsters "	101,075	511,240			
" canned cases.			34,374	618,702	
" shipped in shell cwts			15,141	151,410	
					770,112
Cod "	137,314	196,219			
" used fresh "			21,924	54,810	
" shipped green-salted "			10,576	37,016	
" dried "			31,410	188,460	
					280,286
Haddock "	162,172	209,182			
" used fresh "			111,820	335,460	
" smoked "			3,362	20,172	
" dried "			14,544	72,720	
					428,352
Hake and Cusk "	24,821	20,771			
" " used fresh "			2	3	
" " dried "			8,271	33,084	
					33,087
Pollock "	32,855	23,390			
" used fresh "			450	675	
" dried "			10,804	48,615	
					49,290
Herring "	110,156	169,754			
" used fresh "			5,571	5,571	
" smoked "			5,072	15,216	
" pickled brls.			23,313	104,908	
" used as bait "			11,190	19,584	
" used as fertilizer "			1,040	520	
					145,799
Mackerel cwts.	19,441	75,420			
" used fresh "			14,533	116,264	
" salted brls.			1,647	24,705	
					140,969
Shad cwts.	343	1,753			
" used fresh "			249	2,490	
" salted brls.			27	405	
					2,895
Alewives cwts.	3,167	3,554			
" used fresh "			2,223	5,557	
" salted brls			317	1,268	
					6,825
Halibut cwts.	13,692	90,996	13,692		136,920
Flounders "	1,453	1,616	1,453		3,632
Smelts "	3,171	15,904	3,171		22,197
Trout "	400	2,828	400		4,000
Albacore "	1,024	1,286	1,024		4,096
Bass "	138	690	138		1,380
Eels "	809	2,791	809		4,045
Tom Cod "	35	54	35		70
Swordfish "	4,331	21,455	4,331		30,317
Mixed Fish "	373	266	373		746

RECAPITULATION

OF the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, etc., state, for **District No. 2**, Province of **Nova Scotia**, during the Year 1912-13.

Kinds of Fish.	Caught and Landed in a Green State.		Marketed.		Total Marketed Value.
	Quantity.	Value.	Quantity.	Value.	
		\$		\$	\$
Squid. brls.	1,793	6,216	1,793	.....	7,172
Oysters.... "	1,998	9,242	1,998	.....	11,988
Clams and Quahaugs .. "	6,399	6,582	.....	.....	.....
" " used fresh..... "	.....	.....	6,249	12,498	.....
" " canned cases.	.....	.....	150	675	13,173
Tongues and Sounds..... cwts.	.....	.....	91	.....	910
Hair Seal Skins..... No.	.....	.....	59	.....	74
Fish Oil..... gals.	.....	.....	44,341	.....	17,736
Whale Oil ..... "	.....	.....	300	.....	120
Totals.....	.....	1,351,663	.....	.....	2,176,181

SESSIONAL PAPER No. 22

RECAPITULATION

Of the Number of Fishermen, etc., and of the Number and Value of all Fishing Vessels, Boats, Nets, etc., in **District No. 2**, Province of **Nova Scotia**, for the Year **1912-13**.

	Number.	Value.
		\$
Vessels (tonnage, 2,649)	145	122,755
Boats (sail)	4,349	147,872
" (gasoline).. ..	767	165,170
Tugs, Snacks, etc.	63	61,185
Gill Nets	33,817	268,808
Seines	416	129,940
Trap and Smelt Nets	340	30,616
Weirs	12	410
Trawls	3,753	52,185
Hand Lines	9,224	6,614
Lobster Traps	342,812	278,132
" Canneries	87	117,150
Freezers and Ice-houses	100	176,475
Smoke and Fish-houses	1,695	223,468
Piers and Wharves	811	213,109
Total value		1,993,889

Number of men employed on Vessels and Tugs....	872
" " Boats	4,608
" persons employed in Fish-houses, Freezers, Canneries, &c....	2,033
Total	7,513

DIVISION No. 3

Return showing the Number of Fishermen, &c., the Number and Value of Vessels and Boats, and the Quantity and Value of all Fishing Gear, &c., used in the Fishing Industry, in the County of Lunenburg, Province of Nova Scotia, during the Year 1912-13.

Number.	Fishing Districts.	Fishing Vessels, Boats, Tugs, &c.										Fishing Gear.					
		Vessels.				Boats.				Tugs, Snacks, &c.	Gill Nets.		Seines.	Trap Nets.			
		No.	Tons.	Value.	Men.	Sail.	Value.	Gasoline.	Value.		No.	Value.		No.	Value.	No.	Value.
<i>Lunenburg County.</i>																	
1	Fox Point.....	2	22	1200	7	100	2200	2	500	50	125	500	20	1500	10	2000	1
2	Mill Cove.....					125	3000			60	150	600	15	1200	10	2000	2
3	Lodge and N.W. Cove.....					60	1500			35	100	400	20	1500	10	2000	3
4	Aspotogan.....					35	1000			20	60	240	12	1800	8	1600	4
5	Bayswater, Blandford and Deep Cove.....	18	215	10000	45	170	5000	6	2000	65	225	1000	30	4000	10	2000	5
6	Chester.....	2	22	1000	6	80	1600	5	1500	45	75	300	15	2500	5	1000	6
7	Malbone Bay and Martin river.....	12	1000	40000	200	110	2500			25	60	240					7
8	Tancooks.....	16	168	8000	49	270	20000	28	8500	150	400	1600	125	6250	25	5000	8
9	Lunenburg Harbour to Kingsburg.....	60	5515	661800	1451	81	2268	25	11750	126	810	5480			18	5400	9
10	LaHave River and Islands.....	66	5925	711000	939	115	3220	1	500	143	1150	9200			6	1800	10
11	Petite Riviere to Vogler's Cove.....	1	61	7320	16	68	1904	2	1000	87	680	6440					11
Totals.....		177	12928	1440320	2713	1214	44192	69	25750	806	3835	26000	237	18750	102	22800	

SESSIONAL PAPER No. 22

RETURN showing the Number of Fishermen, &c., the Number and Value of Vessels and Boats, and the Quantity and Value of all Fishing Gear, &c., used in the Fishing Industry, in the County of Lunenburg, Province of Nova Scotia, during the Year 1912-13.

Number.	Fishing Districts.	Fishing Gear.						Canneries.		Other Material.				Persons employed in Canneries, Freezers, and Fish-houses.	Number.		
		Trawls.		Hand Lines.		Lobster Traps.		Lobster Canneries.		Freezers and Ice-houses.		Smoke and Fish-houses.				Piers and wharves.	
		No.	Value.	No.	Value.	No.	Value.	No.	Value.	No.	Value.	No.	Value.			No.	Value.
1	Fox-Point.	50	750	100	500	1200	600	...	...	1	200	10	400	5	500	...	1
2	Mill Cove	60	1000	100	500	1000	500	...	...	...	...	10	400	5	500	...	2
3	Lodge and N. W. Cove.	30	450	75	375	1510	750	...	...	...	...	20	800	15	600	...	3
4	Aspotogan	5	75	40	20	2000	1000	1	600	...	...	6	300	7	350	...	4
5	Bayswater, Blandford and Deep Cove	50	1200	200	1500	4000	2000	...	...	...	...	30	1500	25	1200	20	5
6	Chester	25	100	25	12	1500	750	1	600	1	200	10	400	8	800	...	6
7	Mahone Bay and Martin's river.	25	100	25	12	3000	1500	...	...	...	...	30	5500	25	6000	20	7
8	Tancocks	175	3000	600	2000	5310	5310	1	600	...	...	60	2500	50	2000	75	8
9	Lunenburg Harbour and Kingsburg	376	10152	436	436	5550	5550	1	300	...	...	199	29850	12	175000	20	9
10	LaHave River and Islands	396	10692	...	...	3740	3740	2	600	...	...	190	28500	6	52000	11	10
11	Petite-Riviere to Vogler's Cove	16	432	...	...	...	...	...	...	...	...	42	6300	...	...	...	11
Totals..		50	200	1240	31051	1701	1065	6	2700	2	400	607	76450	158	238950	155	

4 GEORGE V., A. 1914

RETURN showing the Number of Fishermen, etc., the Number and Value of Vessels and Industry in the County of **Queens**, Province of

Number.	Fishing Districts.	Fishing Vessels, Boats, Tugs, &c.											Fishing				
		Vessels.				Boats.					Tugs, Smacks, etc.		Gill Nets.		Seines.		
		Number.	Tons.	Value.	Men.	Sail.	Value.	Gasoline.	Value.	Men.	Number.	Value.	Men.	Number.	Value.	Number.	Value.
County of Queens.				\$			\$		\$		\$		\$		\$		
1	Port Medway.	6	72	2500	21	25	2000	9	1350	200	1	2000	3	300	1800	2	60
2	Mill Village.....					20	200			40				60	300		
3	Greenfield.....					14	260			28							
4	Liverpool, Western Head and Brooklyn.....	3	36	2000	10	10	500	50	7500	75	1	1500	3			30	15000
5	Gull Islands, White and Hunt's Points and Summerville.....	1	15	500	3	8	400	20	3000	45							
6	Port Mouton and vicinity.....	2	36	1000	6	6	300	22	3300	64	4	8000	12			6	3000
7	Port Joli and Port L'Hebert and Sandy Bay	1	13	1000	4			20	3000	28	1	500	2			1	500
8	East and West Berlin, Beach Meadows and Eastern Head	3	56	3000	12	20	1600	10	1500	65						2	1000
Totals.....		16	228	10000	56	103	2660	131	19650	545	7	12000	20	360	3100	41	19560

SESSIONAL PAPER No. 22

Boats, and the Quantity and Value of all Fishing Gear, etc., used in the Fishing of Nova Scotia, during the Year 1912-13.

Gear.											Other Material.						Persons employed in Canneries, Freezers and Fish-houses.	Number.		
Trap Nets.		Smelt Nets.		Trawls.		Hand Lines.		Lobster Traps.		Lobster Canneries.		Freezers and Ice-houses.		Smoke and Fish- houses.		Piers and Wharves.				
Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.			
	\$		\$		\$		\$		\$				\$		\$		\$			
1	400	40	160	18	72	2	0	160	4000	4000	1	1800	3	250	67	1700	20	750	35	1
..	..	..	..	..	..	..	..	..	..	..	..	..	5	180	20	200	12	120	..	2
..	..	..	..	..	..	..	..	..	..	..	..	..	5	250	18	225	..	..	..	3
..	..	..	..	250	375	300	75	8000	8000	..	..	2	6000	..	..	..	..	..	10	4
..	..	..	..	150	225	200	50	6000	6000	..	..	..	..	..	..	..	..	..	5	..
..	..	..	..	300	450	300	75	10000	10000	4	8000	2	1000	..	..	..	..	..	35	6
..	..	..	..	100	150	100	25	5000	5000	..	..	..	..	..	..	..	..	..	7	..
..	..	..	..	200	300	200	50	7500	7500	1	2000	..	..	..	..	..	..	..	6	8
1	400	40	160	1018	1572	1300	435	40500	40500	6	11800	17	7680	105	2125	32	870	86		

RETURN showing the Number of Fishermen, etc., the Number and Value of Vessels and Boats, and the Quantity and Value of all Fishing Gear, etc., used in the Fishing Industry in the County of Shelburne, Province of Nova Scotia, during the Year 1912-13.

Number.	Fishing Districts	Fishing Vessels, Boats, Tugs, Etc.										Fishing Gear.							
		Vessels.				Boats.				Tugs, Smacks, Etc.		Gill nets.		Seines.					
		Number.	Tons.	Value.	Men.	Sail.	Value.	Gasoline.	Value.	Men.	Number.	Value.	Number.	Value.	Number.	Value.			
<i>Shelburne County.</i>																			
1	Woods Harbour	1	291	5500	25	10	1000	69	15425	171	12	2375	15	306	1224	2	450	1	450
2	Shag Harbour and Bear Point	2	21	800	6	15	250	25	5800	65	2	600	3	195	1365	...	...	2	...
3	Cape Island	12	151	4600	51	68	7750	241	57900	578	4	400	15	1878	11895	1	200	3	200
4	Barrington	7	73	975	25	16	368	27	6050	70	...	...	...	77	539	...	...	4	...
5	Port La Tour and Baccaro.	11	130	2585	43	28	1184	13	7260	160	8	525	6	390	1950	...	...	5	...
6	Cape Negro and Blanche.	...	...	...	...	23	555	21	9775	60	...	...	...	327	1600	...	...	6	...
7	Port Saxon, Riv. Clyde, N.E. an I.N.W. Harb.	2	27	1500	6	7	180	5	900	24	...	...	...	163	815	...	...	7	...
8	Black Point, Red Head and Round Bay	2	20	800	4	100	2400	12	2400	224	...	...	...	225	1125	...	...	8	...
9	Roseway, Carleton Village and McNutt Hd	1	11	500	3	62	800	25	2500	173	...	...	...	170	740	...	...	9	...
10	Gunning Cove Churchover and Birchtown.	1	10	400	2	24	120	...	...	48	...	...	...	80	400	...	...	10	...
11	Shelburne and Sandy Point	12	266	8818	68	112	2200	28	4100	272	...	...	...	510	2540	...	...	11	...
12	Jordan, East and West	1	10	400	4	56	410	31	6050	172	1	300	2	301	1500	...	...	12	...
13	Lockeport	17	431	21130	114	146	1285	78	11980	446	4	10300	14	483	2381	...	...	13	...
Totals		72	1351	47558	350	727	18502	608	123820	2474	27	14500	55	5105	28074	3	650		

SESSIONAL PAPER No. 22

RETURN showing the Number of Fishermen, etc., the Number and Value of Vessels and Bots, and the Quantity and Value of all Fishing Gear, etc., used in the Fishing Industry in the County of Shelburne, Province of Nova Scotia, during the Year 1912-13.—*Con.*

Number.	Fishing Gear.										Lobster Canneries.		Other Material.				Persons Employed in Canneries, Freezers and Fish-houses.	Number.		
	Trap Nets.		Smelt Traps.		Trawls.		Hand Lines.		Lobster Traps.		Canneries.		Freezers and Ice-houses.		Smoke and Fish-houses.				Piers and Wharves.	
	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.			Number.	Value.
Shelburne County.																				
1	Woods Harbour	...	...	...	...	...	50	50	13875	13875	6	7000	...	...	17	3450	21	4200	...	66
2	Shag Harbour and Bear Point	...	...	...	...	...	42	42	4625	4625	1	3500	...	...	30	1400	9	2200	...	22
3	Cape Island	3	4000	120	733	19030	733	733	19030	19030	4	2300	4	900	44	8575	37	5375	...	148
4	Barrington	...	...	4	57	4905	57	57	4905	4905	1	20	...	...	1	50	1	200	...	7
5	Port La Tour and Baccaro	1	1000	37	322	7354	322	322	7373	7373	1	500	3	450	81	2500	10	1725	...	32
6	Cape Negro and Blouche	...	...	52	50	4275	50	50	4275	4275	1	150	1	300	3	600	7	500	...	40
7	Port Saxon, Riv. Clyde, N. E. and N. W. Har.	...	...	10	25	1200	25	25	600	600	...	...	...	...	14	250	2	150	...	7
8	Black Point, Red Head and Round Bay.	...	...	150	100	3000	100	100	1500	1500	...	...	...	...	68	1360	11	400	...	8
9	Roseway, Village Carleton and McNutt Id.	...	...	40	80	2000	100	110	1000	1000	1	500	...	...	13	100	2	200	...	9
10	Gunning Cove, Churchover and Birchtown.	...	...	8	15	...	50	50	...	...	...	...	...	...	...	...	...	...	...	10
11	Shelburne and Sandy Point.	...	...	80	160	4650	160	160	2325	2325	...	...	...	...	100	4000	100	4000	...	11
12	Jordan, East and West	...	...	28	56	2841	160	180	1400	1400	2	700	...	...	51	1150	25	1470	...	12
13	Lockeport	4	2400	372	761	7300	649	740	4250	4250	2	3500	3	14000	60	13804	50	13210	...	86
Totals		8	7400	1201	2422	2704	2819	4065	5518	19	15200	482	37239	275	33630	401				

4 GEORGE V., A. 1914

RETURN showing the Number and Value of Vessels and Boats, and the Quantity and
Yarmouth, Province of Nova Scotia,

Number.	Fishing Districts.	Fishing Vessels, Boats, Tugs, etc.											Fishing				
		Vessels.				Boats.					Tugs, Smacks, etc.		Gill Nets.		Seines.		
		Number.	Tons.	Value.	Men.	Sail.	Value.	Gasoline.	Value.	Men.	Number.	Value.	Men.	Number.	Value.	Number.	Value.
	<i>Yarmouth County.</i>			\$			\$		\$			\$		\$		\$	
1	Port Maitland.. . . .	3	40	900	15	9	180	48	14400	105	..	..	..	190	950	..	..
2	Sandford.....	1	13	300	4	16	192	30	9000	74	1	350	3	184	920	..	..
3	Yarmouth.....	12	557	22800	135	9	1700	57	17100	135	6	22000	26	400	2000	5	200
4	Arcadia.....	1	17	350	5	5	310	27	8100	62	..	..	..	115	575	..	..
5	Pinkney's Point.....	..	..	..	..	..	..	29	8700	58	..	..	..	170	850	..	..
6	Comeau Hill.....	2	20	600	6	27	490	57	17100	147	6	2500	7	255	1275	..	..
7	Wedgeport.....	5	83	1800	25	17	204	107	32100	234	4	20000	28	425	2125	..	..
8	Salmon River.....	..	..	..	..	20	120	..	..	25	..	..	..	48	240	2	80
9	Tusket.....	1	11	250	2	110	825	..	..	110	..	..	..	350	1750	3	120
10	Eel Brook.....	..	..	..	..	12	144	3	900	20	..	..	..	42	210	1	40
11	Argyle.....	4	54	1200	13	8	360	35	10500	87	..	..	..	150	750	..	..
12	Pubnicoes.....	17	579	25200	170	15	180	67	20100	149	4	800	8	400	2000	..	..
	Totals.....	46	1374	53400	375	248	4705	460	138000	1206	21	45650	72	2729	13645	11	440

SESSIONAL PAPER No. 22

Value of all Fishing Gear, etc., used in the Fishing Industry in the County of during the year 1912-13.

Gear.										Can- neries.	Other Material.				Persons employed in canneries, Freezers and Fish-Houses.				
Trap Nets.		Weirs.		Smelt Nets.		Trawls.		Hand Lines.		Lobster Traps.		Lobster Can- neries.		Freezers and Ice Houses.		Smoke and Fish- Houses.		Piers and Wharves	
Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.
	\$		\$		\$		\$		\$		\$		\$		\$		\$		\$
1	2500	..	..	..	..	60	300	85	85	8200	8200	3	1800	1	200	9	1200	1	1200
3	7500	..	..	..	..	50	250	75	75	6200	6200	1	900	1	150	4	1000	1	100
1	2500	..	..	3	18	158	790	750	750	12500	12500	3	3200	3	4000	20	20000	15	204000
..	..	..	..	6	36	12	60	25	25	6400	6400	2	1200	..	..	..	..	2	1200
..	..	..	..	..	..	25	125	45	45	3600	3600	..	..	..	..	3	150	2	400
1	2000	1	600	..	..	28	140	250	250	10500	10500	2	2500	..	..	4	2000	3	2400
..	..	6	2000	..	..	100	500	500	500	15500	15500	3	3600	1	400	25	2000	7	7700
..	..	1	300	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	5	1500	45	270	..	..	..	..	..	..	..	..	..	..	21	1900	2	1000
..	..	..	..	50	300	..	..	..	..	350	350	..	..	..	..	..	..	2	600
..	..	..	..	7	42	20	100	155	155	4300	4300	1	100	..	..	6	230	2	1200
..	..	..	..	10	60	45	225	375	375	12800	12800	5	4000	3	1400	33	4300	6	6000
6	14500	13	4400	121	726	498	2490	2260	2260	80350	80350	20	17300	9	6150	125	32780	43	225800

RETURN showing the Number of Fishermen, &c., the Number and Value of Vessels and Industry in the County of Digby, Province

Number.	Fishing Districts.	Fishing Vessels, Boats, Tugs, &c.									Fishing						
		Vessels.				Boats.					Tugs, Smacks, &c.			Gill nets.		Seine.	
		Number.	Tons.	Value.	Men.	Sail.	Value.	Gasoline.	Value.	Men.	Number.	Value.	Men.	Number.	Value.	Number.	Value.
	County of Digby.			\$			\$		\$			\$			\$		\$
1	Digby and vicinity.....	6	415	35000	110	10	200	10	3900	40	.....	.....	.....	6	120	6	300
2	Bay View and Culloden.....	.....	.....	.....	.....	12	600	17	3400	58	.....	.....	.....	58	580	.....	.....
3	Gulliver Cove to Waterford.....	.....	.....	.....	.....	23	1150	14	2800	74	.....	.....	.....	74	740	2	100
4	Centreville.....	1	25	1000	2	10	500	22	4500	64	1 4500	4	64	640	.....	.....	.....
5	Sandy Cove and Mink Cove.....	2	31	600	4	200	1000	11	2000	62	.....	.....	.....	62	620	2	1000
6	Little River and Whale Cove.....	2	52	2000	14	25	1250	19	5000	88	.....	.....	.....	88	880	.....	.....
7	Tiddville and East Ferry.....	.....	.....	.....	.....	17	650	15	3500	64	.....	.....	.....	68	680	.....	.....
8	Tiverton and Central Grove.....	6	200	6000	45	115	2300	58	19700	335	.....	.....	.....	208	2080	1	500
9	Freeport.....	9	318	19500	98	50	1000	50	10000	150	.....	.....	.....	200	2000	.....	.....
10	Westport.....	7	152	4300	45	50	1000	49	14700	148	.....	.....	.....	250	2500	1	500
11	Smith's Cove and Brighton.....	.....	.....	.....	.....	33	650	8	1500	37	.....	.....	.....	8	80	2	100
12	Plympton to Weymouth.....	.....	.....	.....	.....	26	530	12	2500	50	.....	.....	.....	104	1040	.....	.....
13	New Edinburgh.....	.....	.....	.....	.....	5	70	20	5000	50	.....	.....	.....	10	50	.....	.....
14	Belle View and White Cove.....	.....	.....	.....	.....	14	280	17	4250	62	.....	.....	.....	.....	.....	.....	.....
15	Grosse Coques.....	.....	.....	.....	.....	4	80	10	2500	28	.....	.....	.....	.....	.....	.....	.....
16	Church Point.....	3	35	1500	15	10	200	5	1200	30	.....	.....	.....	10	50	.....	.....
17	Little Brook and Connorsville.....	1	13	1200	5	26	390	17	4250	80	.....	.....	.....	4	20	.....	.....
18	Sudburyville.....	.....	.....	.....	.....	12	180	8	1600	40	.....	.....	.....	10	50	.....	.....
19	Meteghan River.....	.....	.....	.....	.....	8	120	3	750	22	.....	.....	.....	10	50	.....	.....
20	Meteghan.....	3	81	1000	15	20	400	7	1400	54	1 1800	2	20	100	.....	.....	.....
21	Comeau's Cove.....	.....	.....	.....	.....	9	180	5	1250	28	.....	.....	.....	10	50	.....	.....
22	Port Cove.....	.....	.....	.....	.....	20	500	5	1250	50	.....	.....	.....	10	50	.....	.....
23	Cape St. Mary's.....	10	160	3700	50	10	500	37	9250	94	1 400	2	40	200	.....	.....	.....
24	Salmon and Beaver Rivers.....	.....	.....	.....	.....	15	300	3	600	36	.....	.....	.....	10	50	.....	.....
	Totals..	50	513	75300	407	544	13830	422	106800	1750	3 6200	9	1324	12630	14	2500	

SESSIONAL PAPER No. 22

Boats, and the Quantity and Value of all Fishing Gear, &c., used in the Fishing of Nova Scotia, during the year 1912-13.

Gear.										Canneries.		Other Material.						Persons employed in Canneries, Freezers and Fish houses.	Number.
Weirs.		Smelt nets.		Trawls.		Hand lines.		Lobster traps.		Lobster Canneries.		Freezers and Ice-houses.		Smoke and Fish houses.		Piers and Wharfs.			
Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.		
	\$		¢		\$		¢		¢		¢		¢		¢		¢		
5	300	...	...	550	4550	...	...	1500	1500	...	...	5	5000	30	4000	9	17000	75	1
...	...	...	...	90	1800	110	110	2000	2000	...	...	...	...	6	200	1	6000	...	2
2	1000	...	...	112	2240	70	70	2000	2000	...	...	...	...	7	360	...	...	...	3
...	...	...	...	96	1900	150	150	2000	2000	1	12000	3	150	17	5000	2	10000	50	4
2	1100	...	...	92	1840	35	35	2000	2000	1	1000	1	1000	17	900	3	15000	...	5
...	...	...	...	125	2500	60	60	2000	2000	4	12000	3	425	24	1400	7	7000	75	6
...	...	...	...	60	1200	320	320	1400	1400	...	...	1	25	13	700	1	150	...	7
...	...	...	...	240	4800	430	430	6500	6500	1	1000	4	350	37	3175	16	20000	20	8
...	...	...	...	100	2000	300	300	3000	3000	...	...	1	350	20	4500	21	2000	7	9
...	...	...	...	200	4000	300	300	3500	3500	1	1000	5	1500	24	3110	35	11600	25	10
8	2400	...	...	30	520	36	36	200	200	...	...	3	75	7	625	3	1100	...	11
2	600	15	600	46	920	106	106	1100	1100	...	...	4	205	4	125	5	2000	...	12
...	...	...	...	120	720	...	...	2000	2000	1	300	...	...	9	1200	...	...	10	13
...	...	...	...	125	750	50	25	400	400	...	...	...	...	18	1140	...	...	10	14
3	450	...	...	20	120	10	5	400	400	1	800	...	...	4	200	...	...	18	15
...	...	...	...	...	...	60	30	750	750	...	...	...	...	10	850	...	...	18	16
...	...	...	...	12	72	100	50	2400	2400	1	500	...	...	20	800	...	...	20	17
...	...	...	...	...	...	80	40	1800	1800	...	...	...	...	24	960	...	...	...	18
2	300	...	...	...	...	30	15	1000	1000	...	...	...	...	2	100	...	...	...	19
...	...	...	...	...	...	80	40	2100	2100	1	400	...	...	8	150	...	...	20	20
...	...	...	...	...	...	65	32	1700	1700	...	...	...	...	7	175	...	...	...	21
...	...	...	...	...	...	80	40	1500	1500	...	...	...	...	10	200	...	...	...	22
...	...	...	...	...	...	350	175	3000	3000	2	900	...	...	25	625	...	...	40	23
...	...	...	...	...	...	40	20	400	400	...	...	...	...	3	45	...	...	...	...
24	6150	15	600	2018	20932	2362	2380	45550	45550	14	29900	30	9080	206	66480	103	93750	392	

4 GEORGE V., A. 1914

RETURN showing the Number of Fishermen, etc., the Number and Value of Vessels and Industry in the County of **Annapolis**,

Number.	Fishing Districts.	Fishing Vessels, Boats, Tugs, Etc.								
		Vessels.				Boats.				
		Number.	Tons.	Value.	Men.	Sail.	Value.	Gasoline	Value.	Men.
	<i>Annapolis County.</i>			\$		\$		\$		
1	Margaretsville					5	100	4	800	13
2	Port George.....					5	100	2	300	10
3	Port Lorne.....					12	240	1	150	15
4	Hampton.....					5	150	1	150	12
5	Phinneys Cove					25	500	4	615	30
6	Parker Cove.....	2	46	1300	15	45	800	16	3450	70
7	Hillsburn.....	1	47	2000	15	12	350	7	1195	30
8	Litchfield.....					4	140	12	2225	30
9	Port Wade.....	5	226	6500	60	1	50	8	1575	20
10	Victoria Beach.					2	100	35	6600	73
11	Deep Brook and Clements Port.....					10	200	2	400	30
12	Annapolis, Lequille and NictEAU rivers					50	750			150
	Totals....	8	319	9800	90	176	3480	92	17460	483

RETURN showing the Number of Fishermen, etc., the Number and Value of Vessels Industry in the County of **Kings**,

Number.	Fishing Districts.	Fishing Vessels, Boats, Tugs, Etc.								
		Vessels.				Boats.				
		Number.	Tons.	Value.	Men.	Sail.	Value.	Gasoline.	Value.	Men.
<i>Kings County.</i>				\$			\$		\$	
1	Morden and vicinity.....					3	45	2	400	10
2	Victoria Harbour and Ogilvie wharf					1	15			2
3	Harbourville.	1	13	150	4	2	30	2	600	10
4	Canada Creek.....					10	150	1	100	22
5	Chipman's Brook and Hunting Point....	1	12	500	3	6	90	1	100	14
6	Hall's Harbour.....	2	29	1200	7	8	150	3	600	22
7	Race Point and Sheffield Vault									
8	Baxter Harbour.....					12	110	1	300	20
9	Whalen Beach and Well's Cove									
10	Scott's Bay.....					5	75	4	1100	18
11	Blomidon and Kingsport.....									
12	Starr's Point to Wolfville.									
13	Upper Gasperaux and all inland water..					12				12
	Totals.....	4	54	1850	14	59	665	14	3200	136

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Boats, and the Quantity and Value of all Fishing Gear, etc., used in the Fishing Province of Nova Scotia, during the Year 1912-13.

Fishing Gear.										Other Material.										Persons employed in canneries, freezers and fish-houses.	Number.
Gill Nets.		Weirs.		Trawls.		Hand Lines.		Lobster Traps.		Freezers and Ice- houses.		Smoke and Fish- houses.		Piers and Wharves.							
Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.						
	\$		\$		\$		\$		\$		\$		\$		\$						
65	650	4	1000	20	100	60	40	175	175			5	500			5	1				
55	550	4	1000	50	250	70	50	200	200			2	100			3	2				
120	1200			80	400	125	125	700	700			1	100			3	3				
50	500	4	700	30	150	55	55	290	290			3	150			3	4				
110	1100	1	20	150	750	130	130	1000	1000			3	250			3	5				
105	1000	1	200	200	1000	190	190	3000	3000	1	200	15	2700	1	400	12	6				
55	550	1	200	150	800	125	125	800	800			4	575			6	7				
40	400			150	800	50	50	1000	1000			11	1100			12	8				
50	500	3	300	500	2500	50	50	250	250	1	300	4	400	3	1200	4	9				
35	350			225	1105	175	175	1500	1500			25	2500	2	1000	2	10				
1	10	4	1000	5	25	25	25			1	2000	10	2000	7	1500		11				
...	...	4	400	...	...	...	...	...	...				...	10	1000		12
680	6810	26	5000	1560	7880	1055	1015	8915	8915	3	2500	83	10375	23	5100	57					

and Boats, and the Quantity and Value of all Fishing Gear, etc., used in the Fishing Province of Nova Scotia, during the Year 1912-13.

Fishing Gear.										Other Material.						
Gill Nets.		Weirs.		Seines.		Trawls.		Hand Lines.		Lobster Traps.		Smoke and Fish-houses.		Piers and Wharves.		Number.
Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	
	\$		\$		\$		\$		\$		\$		\$		\$	
9	36	4	800	..	.....	.....	.....	20	20	100	100	2	50	1	5000	1
5	20	1	200	.....	.....	.....	.....	10	10	100	100	2	50	2	1500	2
5	20	3	600	.....	.....	.....	.....	10	10	.....	.....	2	50	1	10000	3
14	70	2	600	.....	.....	.....	.....	44	44	100	100	2	50	1	5000	4
16	80	1	200	.....	.....	.....	.....	27	27	150	150	3	70	1	4000	5
32	160	3	800	.....	.....	.....	.....	44	44	100	100	5	100	1	10000	6
.....	.....	2	700	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
16	80	1	200	.....	.....	.....	.....	52	52	.....	.....	4	100	1	3000	8
.....	.....	1	200	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
10	50	6	1500	.....	.....	.....	.....	36	36	50	50	8	2000	1	5000	10
.....	.....	1	300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	10000	11
.....	.....	1	200	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
12	48	27	162	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
119	564	53	6462	..	.....	..	.....	243	243	600	600	28	2470	10	53500	

THE CATCH.

Return showing the Quantities and Values of all Fish caught and landed in a Green State in the County of Lunenburg, Province of Nova Scotia, during the Year 1912-13.

Number.	Fishing Districts.	Salmon, cwts.*	Salmon, value.	Lobsters, cwts.	Lobsters, value.	Coal, cwts.	Coal, value.	Haddock, cwts.	Haddock, value.	Hake and Cusk, cwts.	Hake and Cusk, value.	Pollock, cwts.	Pollock, value.	Herring, cwts.	Herring, value.	Mackerel, cwts.	Mackerel, value.
	<i>County of Lunenburg.</i>																
1	Fox Point.....	..	..	151	825	290	570	45	90	81	55	315	292	595	427	374	1591
2	Mill Cove. ....	..	..	118	637	715	1,195	120	180	141	100	390	337	85	85	563	2,155
3	Lodge and N.W. Cove.....	..	..	162	890	126	246	45	60	15	15	180	161	296	223	114	456
4	Aspotogan.....	..	..	203	1,122	15	30	..	..	6	3	..	..	339	175	205	675
5	Bayswater, Blandford and Deep Cove.....	..	..	696	3,668	990	1,552	150	214	255	240	315	172	2,648	1,955	616	2,357
6	Chester.....	42	835	431	2,223	450	540	30	45	120	60	..	..	2,559	1,542	275	907
7	Martin River and Mahone Bay.....	10	200	..	..	29,795	47,995	1,280	1,280	235	117	210	157	140	140	9	18
8	Tancooks.....	..	..	699	3,720	2,535	3,682	561	504	478	348	400	250	5,235	4,800	630	2,360
9	Lunenburg Harbour to Kingbury.....	..	..	1475	14,750	206,580	411,210	26,249	26,300	..	..	..	..	2,350	2,585	575	2,106
10	La Have River.....	29	518	1181	8,815	229,395	454,680	27,395	34,431	..	..	..	..	3,788	4,166	525	1,775
11	Petite Riviere to Volger's Cove.....	7	126	800	8,000	1,481	2,264	600	1,102	..	..	..	..	1,807	1,987	92	345
	Totals.....	88	1,679	5,916	44,650	472,372	923,964	56,478	64,206	1,331	938	1,810	1,369	19,842	18,085	3,978	14,745

*Cwts. = 100 lbs.

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THE CATCH

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the County of Lunenburg, Province of Nova Scotia, during the Year 1912-13--Continued.

Number.	Fishing Districts.	Alewives cwt.	Alewives, value.	Halibut, cwt.	Halibut, value.	Flounders, cwt.	Flounders, value.	Smelts, cwt.	Smelts, value.	Albacore, cwt.	Albacore, value.	Sword-Fish, cwt.	Sword-Fish, value.	Mixed Fish, cwt.	Mixed Fish, value.	Squid, lbs.	Squid, value.	Scallops, lbs.	Scallops, value.	Eels, cwt.	Eels, value.	Tom-Cod, cwt.	Tom-Cod, value.
	County of Lunenburg.																						
1	Fox Point.....					5	5			120	120	6	24	25	12	5	20						
2	Mill Cove.....			21	90	2	2					9	36	25	13	10	40						
3	Lodge and N.W. Cove.....															5	20						
4	Aspotogan											70	280										
5	Bayswater, Blandford and Deep Cove.....			37	204							90	450			5	20						
6	Chester	54	54					14	112			6	24										
7	Martins River and Mahone Bay.....	26	26	250	1,000			12	96			300	1200					1000	3000				
8	Tancocks			30	120																		
9	Lunenburg Harbour to Kingsbury.....			200	1,000							120	960										
10	La Have River.....			294	1,470			29	290														
11	Petite Riviere to Volger's Cove.....																						
	Totals.....	80	80	832	3,884	7	7	55	498	120	120	601	2974	50	25	25	100	1000	3000				

Cwt. = 100 lb.

THE CATCH MARKETING.

Return showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., State, for the County of Lunenburg, Province of Nova Scotia, during the Year 1912-13.

Number.	Fishing Districts.	Salmon, fresh and frozen, cwt.	Salmon, canned, cwt.	Salmon, salted, cwt.	Lobsters, canned, cwt.	Lobsters, shipped in shell, cwt.	Cod, fresh, cwt.	Cod, dried, cwt.	Haddock, fresh, cwt.	Haddock, smoked, cwt.	Haddock, dried, cwt.	Hake and Cusk, fresh, cwt.	Hake and Cusk, dried, cwt.	Pollock, fresh, cwt.	Pollock, dried, cwt.	Herring, fresh, cwt.	Herring, pickled, brls.	Number.
<i>County of Lunenburg.</i>																		
1	Fox Point.				54	20		96		45			27		105		25	1
2	Mill Cove.				45	10		238		27		33	47		130		15	2
3	Lodge and N.W. Cove.				59	20		42				15	5		60		32	3
4	Aspotogan				74	25		5					2				20	4
5	Bayswater, Blandford and Deep Cove				261	60		330		34		40	85		105		500	5
6	Chester	42			160	52		150		80			40			300		6
7	Malone Bay and Martin's Riv.	10						9931				425	78		72			7
8	Tancooks.				242	111		845		109		152	159		133		1473	8
9	Lunenburg Harb. to Kingsbury					1475		6860		500		8583					783	9
10	La Have River	29				1181		76465		620		8925					1263	10
11	Petite Riviere to Vogel's Cove	7				800		491				200					602	11
Totals.		88			895	3754		157456		1365		18373	443		605	300	4713	
Rates.		21			17	10		6		4		3	3		3	1	4	
Values.		\$ 1848			\$ 15215	\$ 37540		\$ 944736		\$ 5460		\$ 55119	\$ 1320		\$ 1815	\$ 300	\$ 18852	

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THE CATCH MARKED.

12. Return showing the Quantities and Values of all Fish and Fish' Products marketed in a fresh, dried, pickled, canned, &c., State, for the County of Lunenburg, Province of Nova Scotia, during the Year 1912-13.—*Continued*

[illegible]

THE

RETURN showing the Quantities and Values of all Fish caught and landed in a Year

Number.	Fishing Districts.	Salmon, *cwts.	Salmon, value.	Lobsters, cwts.	Lobsters, value.	Cod, cwts.	Cod, value.	Haddock, cwts.	Haddock, value.	Hake and Cusk, cwts.	Hake and Cusk, value.	Pollock, cwts.	Pollock, value.	Herring, cwts.	Herring, value.
	<i>Queens County.</i>		\$		\$		\$		\$		\$		\$		\$
1	Port Medway	79	1580	1163	10467	2993	3557	419	272	115	86	3	2	470	470
2	Mill Village	69	1380	...	...	...	...	...	...	...	...	...	...	...	...
3	Greenfield	26	416	...	...	...	...	...	...	...	...	...	...	...	...
4	East and West Berlin, Beach Meadow, Eastern Head . . . . .	...	...	1600	14400	1611	2014	415	415	300	300	100	100	1288	1288
5	Brooklyn, Liverpool and Western Head	16	320	1400	12600	2980	3725	600	600	200	200	100	100	2500	2500
6	Gull Islands, White and Hunt's Points and Summerville . . . . .	...	...	1500	13500	2200	2750	800	800	100	100	75	75	1610	1610
7	Port Mouton and S. W. Port Mouton . . . . .	...	...	1700	15300	2400	3000	600	600	198	198	100	100	2910	2910
8	Port Joli, Port L'Hébert and Sandy Bay . . . . .	...	...	630	5670	360	450	400	400	100	100	50	50	1305	1305
	Totals	190	3696	7993	71937	12544	15490	3234	3087	1013	984	428	427	10083	10083

*Cwt. = 100 lbs.

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CATCH.

Green State in the County of Queens, Province of Nova Scotia, during the 1912-13.

Mackerel, cwts.	Mackerel, value.	Shad, cwts.	Shad, value.	Alewives, cwts.	Alewives, value.	Halibut, cwts.	Halibut, value.	Smelts, cwts.	Smelts, value.	Trout, cwts.	Trout, value.	Albacore, cwts.	Albacore, value.	Eels, cwts.	Eels, value.	Sword-fish, cwts.	Sword-fish, value.	Clams, cwts.	Clams, value.	Number.
	¢		¢		¢		¢		¢		¢		¢		¢		¢		¢	
14	76	1	10	10	13	23	130	36	360	...	...	27	54	50	360	298	1267	11	33	1
...	...	...	...	198	247	...	...	...	...	20	200	...	...	20	120	...	...	...	...	2
...	...	...	...	184	230	...	...	...	...	32	320	...	...	...	...	...	...	...	...	3
1000	7000	...	...	...	...	100	500	...	...	...	...	...	...	...	...	60	300	...	...	4
1200	8400	1	5	...	...	200	1000	...	...	...	...	52	156	150	450	200	1000	...	...	5
500	3500	...	...	...	...	200	1000	...	...	...	...	...	...	...	...	...	...	...	...	6
400	2800	...	...	...	...	150	750	...	...	...	...	...	...	...	...	200	1000	...	...	7
102	714	...	...	...	...	37	285	...	...	...	...	...	...	...	...	...	...	...	...	8
16	22490	2	15	392	490	710	3665	36	360	52	520	79	210	220	870	758	3567	11	33	

THE CATCH

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed
Nova Scotia, during the

Number.	Fishing Districts.	Salmon, fresh and frozen, *cwts.	Lobsters, canned, cases	Lobsters, shipped in shell, cwts.	Cod, fresh, cwts.	Cod, shipped green salted, cwts.	Cod, dried, cwts.	Haddock, fresh, cwts.	Haddock, dried, cwts.	Hake and Cusk, fresh, cwts.	Hake and Cusk, dried, cwts.	Pollock, fresh, cwts.	Pollock, dried, cwts.	Herring, fresh, cwts.	Herring, pickled, brls.
	<i>Queens County.</i>														
1	Port Medway. . . .	79	259	526	1378	384	277	215	68	115	.....	.....	1	.....	114
2	Mill Village	69	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Greenfield.	26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	East and West Berlin, Beach Meadows, Eastern Head. . . . .	.....	.....	400	100	400	237	100	100	.....	75	.....	10	20	350
5	Brooklyn, Liverpool & Western Head.	16	.....	400	600	440	500	700	.....	.....	70	20	50	50	500
6	Gull Islands, White and Hunts Points and Summerville. . . . .	.....	.....	500	200	400	400	200	200	.....	72	.....	30	10	400
7	Port Mouton and S. W. Port Mouton. . . . .	.....	1835	500	300	300	500	100	160	.....	60	.....	46	10	700
8	Port Joli, Port l'Hébert, Sandy Bay. . . . .	.....	.....	450	60	.....	100	55	89	.....	25	.....	.....	10	167
	Totals.	190	2094	2776	2638	1924	2014	1370	617	115	302	20	137	100	2231
	Rates. \$	21	19	17	1.50	3	5	1	4	.75	4	1	3.50	1	4
	Values. \$	3990	39786	47192	3957	5772	10070	1370	2468	86	1208	20	480	100	8924

Total value

*Cwt. =100 lbs.

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MARKETED.

in a fresh, dried, pickled, canned, &c., State, for the County of **Queens**, Province of
Year 1912-13.

Herring, used as bait, brls.	Mackerel, fresh, cwts.	Mackerel, salted, brls.	Shad, fresh, cwts.	Alewives, fresh, cwts.	Alewives, salted, brls.	Halibut, fresh, cwts.	Smelts, fresh, cwts	Trout, fresh, cwts.	Albacore, fresh, cwts.	Eels, fresh, cwts.	Sword fish, fresh, cwts.	Clams and Quahaugs, fresh, brls.	Hair seal skins, No.	Number.
64	14	...	1	10	...	23	36	...	27	50	298	11	75	1
...	...	...	...	158	20	...	...	20	...	20	...	...	...	2
...	...	...	...	124	20	...	...	32	...	...	...	...	...	3
100	400	35	...	...	...	100	...	...	...	...	60	...	...	4
500	1500	100	1	...	...	200	...	...	52	150	200	...	...	5
200	102	100	...	...	...	206	...	...	...	...	...	...	...	6
400	200	100	...	...	...	150	...	...	...	...	200	...	...	7
397	...	...	...	...	...	37	...	...	...	...	...	...	...	8
1661	2216	335	2	272	40	710	36	52	79	220	758	11	75	
3	6	12	8	1	5.50	5	10	10	2	6	8	3	1	
4983	13296	4020	16	272	220	3350	360	520	158	1320	6264	33	75	

..... \$160,510

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State, in the County of Shelburne, Province of Nova Scotia, during the Year 1912-13.

Number.	Fishing Districts.	Salmon, * cwt.	Salmon, value.	Lobsters, cwt.	Lobsters, value.	Cod, cwt.	Cod, value.	Haddock, cwt.	Haddock, value.	Hake and Cusk, cwt.	Hake and Cusk, value.	Pollock, cwt.	Pollock, value.	Herring, cwt.	Herring, value.	Mackerel, cwt.	Mackerel, value.	Alewives, cwt.	Alewives, value.	Halibut, cwt.	Halibut, value.	Number.
County of Shelburne.																						
1	Wood's Harbour			5946	61618	5807	10147	2148	2070			837	827	6595	6485	2154	8069			314	1993	1
2	Shag Harbour and Bear Point			2973	30310	2903	5073	1073	1035			419	413	3297	3243	1077	4035			157	998	2
3	Cape Island			11891	123238	11612	20295	4275	4141			1674	1654	13180	12969	3770	14122			628	3986	3
4	Barrington	7	94	2973	30810	2903	5073	1073	1035			419	413	3297	3243	1077	4035	803	803	157	998	4
5	Port La Tour and Baccaro			4459	46214	4355	7611	1610	1553			628	621	4946	4863	1616	6051			236	1495	5
6	Cape Negro and Blanche	20	284	2973	30810	2903	5073	1073	1035			419	413	3297	3243	1077	4035	186	186	157	998	6
7	Port Saxon, Clyde River, N.E. and N.W. Harbour	36	540	111	1176	515	741	210	315			130	110	753	376	200	862					7
8	Black Point, Red Head and Round Bay			319	3381	500	720	300	450					600	300	114	491					8
9	Roseway, Carleton Village and McNutt's Island			1410	14946	800	1152	500	750			110	93	10000	5000	300	1293	80	80			9
10	Gunning Cove, Churchover and Birchtown																	142	142			10
11	Shelburne and Sandy Point	14	210	876	9285	6815	8813	3959	5938	417	417	600	510	12100	6050	800	3448	125	125	90	597	11
12	Jordan, East and West	8	96	925	9805	1650	2160	950	1425			150	127	3240	1600	775	3240			35	232	12
13	Lockeport			5035	50350	50420	63025	25450	38175	9000	9000	4241	3392	19948	9974	1760	7040			747	5976	13
Totals		85	1224	39891	412443	91243	129883	42622	57922	16017	10017	9628	8573	81222	57346	14720	56721	1282	1282	2521	17273	

Cwt. = 100 lbs.

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THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State, in the County of Shelburne, Province of Nova Scotia, during the year 1912-13—*Concluded.*

Number.	Fishing Districts.	Smelts, cwt.	Smelts, value.	Albacore, cwt.	Albacore, value.	Sword-fish, cwt.	Sword-fish, value.	Mixed Fish, cwt.	Mixed Fish, value.	Squid, lbs.	Squid, value.	Clams, lbs.	Clams, value.	Number.
	<i>County of Shelburne.</i>		\$		%		%		%		%		%	
1	Wood's Harbour													1
2	Shag Harbour and Bear Point			19	57	17	153							2
3	Cape Island			60	180									3
4	Barrington													4
5	Port La Tour and Baccaro			40	120									5
6	Cape Negro and Blanche													6
7	Port Saxon, Clyde River, N.E. and N.W. Harbours	7	97											7
8	Black Point, Red Head and Round Bay													8
9	Roseway, Carleton Village and McNutt's Island													9
10	Gunning Cove, Churchover and Birchtown	8	110											10
11	Shelburne and Sandy Point													11
12	Jordan, East and West	6	83	1200	2400									12
13	Lockeport					320	1600	3200	2625	71	177	1295	1813	13
	Totals	21	290	1319	2757	337	1753	3200	2625	71	177	1295	1813	

Cwt. = 100 lbs.

THE CATCH MARKETING.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, etc., state, for the County of Shelburne, Province of Nova Scotia, during the Year 1912-13.

Number.	Fishing Districts.	Salmon, fresh and frozen, cwts.	Lobsters, canned, cases.	Lobsters, shipped in shell, cwts.	Cod, fresh, cwts.	Cod shipped green-salted, cwts.	Cod, dried, cwts.	Haddock, fresh, cwts.	Haddock, smoked, cwts.	Haddock, dried, cwts.	Hake and Cusk, fresh, cwts.	Hake and Cusk, dried, cwts.	Pollock, fresh, cwts.	Pollock, dried, cwts.	Number.
<i>County of Shelburne.</i>															
1	Wood's Harbour		2250	3900	110	1525		385							1
2	Shag Harbour and Bear Point		442	1750		763		193							2
3	Cape Island		2065	6475	300	3051	3076	770		2051				976	3
4	Barrington	7	420	1250	100	763		193							4
5	Port La Tour and Baccaro		415	980		1144	1537	289		1026				488	5
6	Cape Negro and Blanche	20	447	1010		763		193							6
7	Port Saxon, Clyde River, N.E. and N.W. Harb's.	36			200		105	210							7
8	Black Point, Red Head and Round Bay				200		100	300					67	21	8
9	Roseway, Carleton Village and McNutt's Island		31	1333	100	100	167	500					30	26	9
10	Gunning Cove, Churchover and Birchtown														10
11	Shelburne and Sandy Point	14			681	100	1978	3959			417		200	133	11
12	Jordan, East and West	8	355	616	150		450	350		200			60	30	12
13	Lockeport		2035	1434	22740	7189	4534	9514	714	4836	1395	2735	1592	883	13
	Totals	85	8460	18748	24581	15398	11947	16856	714	8113	1812	2735	1949	2557	
	Rates	\$ 14.40	20	15	2	3	5	2	5	4	1	3	1	4	
	Values	\$ 1224	169200	281220	49162	46194	59735	33712	3570	32452	1812	8205	1949	10228	

*Cwt = 100 lbs.

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THE CATCH MARKETING.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, etc., state, for the County of Shelburne, Province of Nova Scotia, during the Year 1912-13.—*Concluded.*

Number.	Fishing Districts.	Herring, fresh, cwt.	Herring, smoked, cwt.	Herring, pickled, bbl.	Herring, used as bait, bbl.	Mackerel, fresh, cwt.	Mackerel, salted, bbl.	Alewives, fresh, cwt.	Alewives, salted, bbl.	Halibut, fresh, cwt.	Smelts, fresh, cwt.	Albacore, fresh, cwt.	Sword-fish, fresh, cwt.	Mixed Fish, fresh, cwt.	Squid, used as bait, bbl.	(Jams and Qua- hangs, fresh, bbl.	Number.	
County of Shelburne.																		
1	Wood's Harbour	2637		625	1003	1674	125			264								1
2	Shag Harbour and Bear Point	1318		313	502	836	62			107		19	17					2
3	Cape Island	5273	200	1250	2006	3347	249			778		60						3
4	Barrington	1318		313	502	836	62	803		107								4
5	Port La Tour and Baccaro	1977		468	752	1255	94			236		40						5
6	Cape Negro and Blanche	1318		313	502	836	62	186		157								6
7	Port Saxon, Clyde River, N.E. and N.W. Harbour	432		111		200												7
8	Black Point, Red Head and Round Bay	300		100		114												8
9	Roseway, Carleton Village and McNutt's Island	8000		550	175	300		68	4									9
10	Gunning Cove, Churchover and Birchtown							100	14									10
11	Shelburne and Sandy Point	8500		700	750	500	50	125		90								11
12	Jordan, East and West	1928		233	291	775				35								12
13	Lockeport	9600		1566	2825	1540	125			747		1200	320	3200	71	1295	13	
Totals		42601	200	6542	9308	12213	829	1282	18	2521	21	1319	337	3200	71	1295		
Rates		1.50	6	3.50	2	4	12	1	4	8	10	5	8	1.50	2.50	1.40		
Values		63901	1200	22755	18616	48852	9948	1282	72	20168	210	6595	2696	4800	177	1813		
Total value		\$901,748																

*Cwt. = 100 lbs.

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the County of Yarmouth, Province of Nova Scotia, during the year 1912-13.

Number.	Fishing Districts.	Salmon, cwts. *	Salmon, value.	Lobsters, cwts.	Lobsters, value.	Cod, cwts.	Cod, value.	Haddock, cwts.	Haddock, value.	Hake and Cusk, cwts.	Hake and Cusk, value.	Pollock, cwts.	Pollock, value.	Herring, cwts.	Herring, value.	Mackerel, cwts.	Mackerel, value.	Number.
<i>Yarmouth County.</i>																		
1	Port Maitland..	15	270	5000	40000	7170	10755	2621	2621	315	236	1354	1015	4200	4200	1032	7214	1
2	Sandford	25	450	4900	32000	4870	7305	2400	2400	276	207	805	604	3600	3600	1144	8008	2
3	Yarmouth.	5	90	7100	56800	12073	13109	3872	3872	2085	1563	2175	1631	7000	7000	800	6020	3
4	Arcadia.. ..	3	54	3010	24080	1000	1500	200	200	61	46	100	75	800	800	800	5600	4
5	Pinkney's Point ..			3031	24248	1219	1828	225	325	200	150	100	75	2000	2000	1090	7630	5
6	Comeau Hill.....			6190	49520	5720	8580	1560	1560	542	406	720	540	7000	7000	2134	14938	6
7	Wedgeport.	3	54	9240	73920	8725	13087	2570	2570	786	589	1430	1072	10000	10000	4200	29400	7
8	Salmon River.....	8	144															8
9	Tusket.....	51	918															9
10	Eel Brook	4	72	50	400													10
11	Argyle			4080	32640	2500	3750	500	500			100	75	3000	3000	2500	17500	11
12	Pubnico.....			9220	73760	12000	18000	4000	1000	2164	1632	2500	1875	7072	7072	3800	26600	12
	Totals.. ..	114	2052	50921	342568	55277	82914	17948	17948	6429	4829	9284	6962	44672	44672	17560	122910	

Cwt. = 100 lbs.

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the County of Yarmouth, r Povincer of Nova Scotia, during the year 1912-13 — Continued.

Number.	Fishing Districts.	Shad, cwts.	Shad, value.	Alewives, cwts.	Alewives, value.	Halibut, cwts.	Halibut, value.	Smelts, cwts.	Smelts, value.	Albacore, cwts.	Eels, cwts.	Eels, value.	Mixed Fish, cwts.	Mixed Fish, value.	Clams, lbs.	Clams, value.	(Qualmags, lbs.)	(Qualmags, value.	Number.
	Yarmouth County.																		
1	Port Maitland.	...	...	...	...	5	35	...	...	20	...	...	700	350	10	20	...	...	1
2	Sandford.	...	...	187	187	10	70	...	...	42	...	...	600	300	15	30	...	...	2
3	Yarmouth.	...	...	325	325	3102	21714	10	120	80	...	...	350	175	160	320	...	...	3
4	Acadia.	...	...	300	300	...	...	5	60	...	...	...	...	...	15	30	...	...	4
5	Pinkney's Point	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
6	Comeau Hill.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
7	Wedgeport.	...	...	575	575	55	385	5	60	256	10	50	20	100	20	40	...	...	7
8	Salmon River.	...	...	2100	2100	...	...	8	96	800	75	375	150	75	25	50	...	...	8
9	Tusket.	...	...	16582	16582	...	...	130	1560	...	...	280	...	...	...	...	...	...	9
10	Eel Brook	...	...	2000	2000	...	...	40	480	...	...	...	...	...	...	...	...	...	10
11	Argyle.	...	...	2200	2200	...	...	8	96	44	70	350	30	15	75	150	...	...	11
12	Pubnicoes	...	...	600	600	2069	20783	66	792	60	48	240	250	125	48	96	...	...	12
	Totals.	44	220	24869	24869	6141	42987	272	3264	372	349	1745	2280	1140	443	886	...	...

Cwt. = 100 lbs.

THE CATCH MARKETING.

Return showing the Quantities and Values of all Fish Products Marketed in a fresh, dried, pickled, canned, &c., State, for the County of Yarmouth, Province of Nova Scotia, during the year 1912-13.

Number.	Fishing Districts.	Salmon, fresh, lbs.	Salmon, canned, cwt.	Salmon, smoked, in shell, cwt.	Salmon, cwt.	Salmon, salted, cwt.	Cod, fresh, cwt.	Cod, salted, cwt.	Cod, dried, cwt.	Haddock, fresh, cwt.	Haddock, smoked, cwt.	Haddock, dried, cwt.	Hake and Cusk, dried, cwt.	Pollock, dried, cwt.	Herring, fresh, cwt.	Herring, smoked, cwt.	Herring, pickled, brls.	Herring, used as Bait, brls.	Herring, used as fertilizer, brls.	Number.
1	Port Maitland	15	1000	2500	300	200	2157	50	840	105	451	400	1500	1	1500	400	1500	1	1500	1
2	Sandford	25	1000	1500	200	150	1457	10	793	92	268	300	1350	2	1350	300	1350	2	1350	2
3	Yarmouth	3	2000	2100	2500	1080	2471	150	857	635	725	500	2084	3	2084	500	2084	3	2084	3
4	Acaha	3	800	1010	500	70	296	67	67	20	33	100	243	4	243	100	243	4	243	4
5	Pinkney's Point	3	800	1031	50	20	376	75	75	67	33	200	695	5	695	200	695	5	695	5
6	Conneau Hill	3	2000	1190	500	300	1510	50	503	181	210	600	590	6	590	600	590	6	590	6
7	Wedgieport	3	2800	2210	600	900	2108	50	840	262	477	1000	3435	7	3435	1000	3435	7	3435	7
8	Salmon River	3	...	...	...	...	...	...	...	...	...	...	...	8	...	...	...	...	...	8
9	Tusket	51	...	...	...	...	...	...	...	...	...	...	...	9	...	...	...	...	...	9
10	El Brook	4	12	20	...	...	...	...	...	...	...	...	...	10	...	...	...	...	...	10
11	Argyle	...	1020	1530	100	50	767	...	167	...	34	800	295	11	295	800	295	11	295	11
12	Pubnico	...	3000	1720	400	100	3000	...	1334	721	833	800	821	12	821	800	821	12	821	12
Totals		114	11432	11841	4700	3130	14772	500	5476	2143	3091	4700	11013	50	11013	4700	11013	50	11013	50
Rates		18	20	11	2	1	6	1 50	5	4	4	3	1 50	4	1 50	4	4	2	50	25
Values		2052	288610	267774	9400	12220	88032	750	21904	6420	12376	18800	22026	25	22026	18800	22026	25	22026	25

* Cwt. 100 lbs.

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THE CATCH MARKETING.

RETURN showing the Quantities and Values of all Fish Products Marketed in a fresh, dried, pickled, canned, &c., State, for the County of Yarmouth, Province of Nova Scotia, during the year 1912-13. *Continued.*

Number.	Fishing Districts.	Macrurus, fresh, cwt.	Mackerel, salted, cwt.	Shad, fresh, cwt.	Alwives, fresh, cwt.	Alwives, salted, lbs.	Hallbut, fresh, cwt.	Smelts, fresh, cwt.	Albacore, fresh, cwt.	Eels, fresh, cwt.	Mixed Fish, fresh, cwt.	Clams and Quahogs, fresh, lbs.	Fish Oil, gallons.	Number.
<i>Yarmouth County.</i>														
1	Port Maitland.	912		40										100
2	Sandford.	1021		40										80
3	Yarmouth.	740		40	157	10	20		42					15
4	Acadia.	500		100	265	20	3102	10	20	10				160
5	Pinkney's Point.	640		150	216	30		5						15
6	Comau Hill.	134		200										20
7	Wedgetown.	3630		200					61					25
8	Salmon River.				125	50	55		200	10				61
9	Pasquet.				600	00		8		56				75
10	Bel Brook.				10582	2000		130						10
11	Argyle.	2050		150	1400	200		40	11	80				75
12	Publicos.	3200		200	1720	110	2000	8	15	48				11
					000			66						900
														12
Totals		11200	1120	44	16019	2050	6141	272	572	849	2280	445	2800	
Rates														
Values		112300	13440	140	24028	2850	49128	3264	1860	2094	1140	1167	858	
Total value														\$2030,506

* Cwts. 100 lbs.

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the County of Digby, Province of Nova Scotia, during the year 1912-13.

Number.	Fishing Districts.	Salmon, * cwt.	Salmon, value.	Lobsters, cwt.	Lobsters, value.	Cod, cwt.	Cod, value.	Haddock, cwt.	Haddock, value.	Hake and cusk, cwt.	Hake and cusk, value.	Pollock, cwt.	Pollock, value.	Herring, cwt.	Herring, value.	Mackerel, cwt.	Mackerel, value.	Number
<i>County of Digby</i>																		
1	Digby and vicinity.	45	900	500	7500	10103	16644	46100	115250	23150	20835	2300	2300	5000	3750	90	450	1
2	Bay View and Culloden.			600	9000	466	745	2130	5325	2525	2525	375	375	51	38			2
3	Gulliver's Cove to Waterford.			900	13500	832	540	4950	12375	7425	7683	3180	3180	8058	2293	960	4800	3
4	Centreville.			600	9000	3308	5292	7050	17425	10455	9409	350	350	4998	3750	25	125	4
5	Sandy Cove and Mink Cove.			550	8250	1072	1715	1639	4097	2455	2209	500	470	7275	5356	3325	16625	5
6	Little River and Whale Cove.			2200	22000	73	1172	7005	19012	12099	10222	750	750	331	248	55	265	6
7	Tiddville and East Ferry.			600	9000	743	1188	1526	3812	2115	1590	1150	1150	462	346	69	345	7
8	Tiverton and Central Grove.			2450	36750	8320	13312	7655	19137	35499	31950	4525	4525	779	584	123	615	8
9	Freeport.			2250	33750	1261	1891	6000	15000	15000	15000	7210	7210	277	207	18	90	9
10	Westport.			2250	33750	8208	13132	7990	19975	12000	10800	8200	8200	3184	2388	10	50	10
11	Smith's Cove and Brighton.			37	562	80	128	201	402	145	130	380	380	6015	4511	117	585	11
12	Plympton to Weymouth.			313	4688	420	672	853	2121	745	671	1413	1413	780	585	247	1235	12
13	New Edinburgh			873	8602									78	78	312	1248	13
14	Belliveau and White Cove.			139	2092	25	31	4874	7311					668	668	2	8	14
15	Grosse Coques			422	2280	47	59	1492	2238					782	782	110	440	15
16	Church Point.			123	1855	47	59	965	1447					10	10			16
17	Little Brook and Comeauville.			3869	25685	190	237							20	20			17
18	Saultneville			179	2685	198	247							20	20			18
19	Metegan River.			96	1440	118	148	14	21					18	18	88	352	19
20	Metegan.			1055	6330	97	121	16	24					52	52	10	40	20
21	Comeau's Cove.			205	3075	136	170	125	125					48	48	4	16	21
22	Bear Cove			187	2805	122	153	25	37					66	66			22
23	Cape St. Mary's	3	60	2777	27770	354	443	276	276			209	209	1172	1172	110	440	23
24	Salmon and Beaver Rivers			42	630	188	255	20	30			10	10	330	330	30	120	24
Totals.		48	960	23227	272999	37368	58334	101534	245482	123613	113024	30644	30614	35474	27320	5705	27849	

* Cwt. = 100 lbs.

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THE CATCH.

Return showing the Quantities and Values of all Fish caught and landed in a Green State in the County of Digby, province of Nova Scotia, during the year 1912-13—Con.

Number.	Fishing Districts.	Halibut, cwts.	Halibut, value.	Flounders, cwts.	Flounders, value.	Smelts, cwts.	Smelts, value.	Trout, cwts.	Trout, value.	Kels, cwts.	Kels, value.	Tom-cod, cwts.	Tom-cod, value.	Clams, lbs.	Clams, value.	Periwinkles, cwts.	Periwinkles, value.	Dulse, cwts.	Dulse, value.	Number.
	County of Digby.																			
1	Digby and vicinity	325	2275	94	282	5	25	5	50					6000	8400	658	987	391	1955	1
2	Bay View and Cullogen	13	91											15	4					2
3	Gulliver's Cove to Waterford	20	140																	3
4	Centreville	25	175																	4
5	Sandy Cove and Mink Cove	400	2800											10	14					5
6	Little River and Whale Cove	7	49							3	36									6
7	Tiddville and East Ferry	20	140																	7
8	Tiverton and Central Grove	7	49					2	20					10	14					8
9	Freeport	288	2016											25	35					9
10	Westport	285	1995																	10
11	Smith's Cove and Brighton	10	70			7	35	3	30					5005	7007					11
12	Plympton to Weymouth					7	35	7	70	5	60			2386	3338					12
13	New Edinburgh													155	232					13
14	Belliveau and White Cove													233	344					14
15	Grosse Ciques													111	166					15
16	Church Point													40	60					16
17	Little Brook and Comeauville																			17
18	Saulnierville																			18
19	Meteghan River																			19
20	Meteghan																			20
21	Comeau's Cove																			21
22	Bear Cove																			22
23	Cape St. Mary's	5	30																	23
24	Salmon and Beaver Rivers							3	30	80	320									24
	Totals	1405	9830	94	282	19	95	20	200	88	416	10	20	13993	19619	658	987	391	1955	

THE CATCH MARKETING.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., State, for the County of Digby, Province of Nova Scotia, during the year 1912-13.

Number.	Fishing Districts.	Salmon, fresh and frozen, * cwt.	Lobsters, canned, cases.	Lobsters, shipped in shell, cwt.	Cod, fresh, cwt.	Cod, shipped, green-salted, cwt.	Cod, dried, cwt.	Haddock, fresh, cwt.	Haddocks, smoked, ed, cwt.	Haddock, canned, cwt.	Haddock, dried, cwt.	Hake and Cusk, fresh, cwt.	Hake and Cusk, dried, cwt.	Pollock, fresh, cwt.	Pollock, dried, cwt.	Herring, fresh, cwt.	Herring, smoked, cwt.	Herring, pickled, bbls.	Number.
County of Digby.																			
1	Digby and vicinity	45		500	200		3401	1600	22250			3650	6500	200	700				1
2	Bay View and Culloden			600	466			2130				2525			125				2
3	Gulliver's Cove to Waterford			900	832			4950					2475		1060				3
4	Centreville		30	525			1102	186	1303	2672			3485		117		2294		4
5	Sandy Cove and Mink Cove			550			357	1639					818		166				5
6	Little River and Whale Cove		757	308	400		111	505	3550				4033		250				6
7	Tiddville and East Ferry			600	410		111	1526					705		383				7
8	Tiverton and Central Grove		15	2413	8000		107	7655				15600	11833		1508				8
9	Freeport			2250			417	6000							2403				9
10	Westport		75	2063			2736		3995				4000		2733				10
11	Smith's Cove and Brighton			37	80			37	82			145		380					11
12	Plympton to Weymouth			313	420			853				245	170	75	446				12
13	New Edinburgh		200	373													3		13
14	Belliveau and White Cove			139	15	5				3249							40		14
15	Grosse Coques		162	17	11	18				994							40		15
16	Church Point			123	10	18				643							10		16
17	Little Brook and Comeauville		1294	634	15	87											5		17
18	Saulnierville			179	15	76	10	28								1			18
19	Meteghan River			96	10	39	10	14								2			19
20	Meteghan		285	342	10	28	10	16							15		10		20
21	Comeau's Cove			205	15	30	20	35			30				8		5		21
22	Bear Cove			187	20	36	10	25							3		10		22
23	Cape St. Mary's		570	1352	22	121	30	126			50			4	69		20	100	23
24	Salmon and Beaver Rivers	3		42	20	54	20	20							3		10	50	24
Totals		48	3388	14748	10971	512	8452	27595	31180	7558	80	21565	34019	659	9992	163	2294	150	
Rates		25	20	15	2	4	6	2	5 50	6	4	90	4	1	3 50	1	8	3	
Value		\$ 1200	\$ 67760	\$ 221220	\$ 21942	\$ 2048	\$ 50712	\$ 55190	\$ 171490	\$ 45348	\$ 320	\$ 19408	\$ 136076	\$ 659	\$ 34972	\$ 163	\$ 18352	\$ 450	

* Cwt. = 100 lbs.

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THE CATCH MARKETING.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., State, for the County of Digby, Province of Nova Scotia, during the year 1912-13—*Concluded.*

Number.	Fishing Districts.	Herring used as bait, bbls.	Herring used as fertilizer, bbls.	Mackerel, fresh, cwt.	Mackerel, salted, bbls.	Halibut, fresh, cwt.	Flounders, fresh, cwt.	Smelts, fresh, cwt.	Trout, fresh, cwt.	Lox, fresh, cwt.	Tom-cod, fresh, cwt.	Clams, fresh, bbls.	Potwinkles, fresh, cwt.	Somels, pickled and dried, cwt.	Pulse, dried, cwt.	Fish oil, gals.	Fish meal, tons.	Number.
1	Bay View and Culloden.	2500		90		325	94	5				6000	658	230	130	1500	60	1
2	Gulliver's Cove to Waterford	26				13						15		30				2
3	Centreville	1529			320	20								7		1600	950	3
4	Digby and vicinity	205			8	25								101				4
5	Sandy Cove and Mink Cove	3337			1108	400						10		24		1200		5
6	Little River and Whale Cove	166			7	7				3				211				6
7	Tiddville and East Ferry	231			6	20								30		2000		7
8	Tiverton and Central Grove	389			40	7		2				10		353				8
9	Freeport	138			6	288						25		150		2000		9
10	Westport	1592			10	250								120		2000		10
11	Smith's Cove and Brighton	3007			110	10		7				5065						11
12	Plympton to Weymouth	390			80							2386						12
13	New Edinburgh	37			80							150						13
14	Belliveau and White Cove	314							3			233						14
15	Grosse Coques	371			30				3			111						15
16	Church Point											40						16
17	Little Brook and Comeauville																	17
18	Saulnierville	8																18
19	Metegan River	7																19
20	Meteghan	6			25				4									20
21	Comeau's Cove	21			10							3						21
22	Bear Cove	22			1													22
23	Cape St. Mary's	28																23
24	Salmon and Beaver Rivers	426			77	5												24
		85			10			3		80				5		200		25
	Totals	15135		502	1736	1105	94	19	20	8	10	13993	658	1334	130	12000	1010	
	Rates	1.50		4	9	6	7	5	10	6	2	1.30	2.50	5	15	35	17	
	Value	22702		2008	15624	8430	658	95	200	528	20	20989	1645	6670	1955	4410	17170	
	Total value																	\$200,414

THE

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State

Number.	Fishing Districts.	Salmon, cwts.	Salmon, value.	Lobsters, cwts.	Lobster, value.	Cod, cwts.	Cod, value.	Haddock, cwts.	Haddock, value.	Hake and Cusk, cwts.	Hake and Cusk, value.	Pollock, cwts.	Pollock, value.
	<i>County of Annapolis.</i>		\$		\$		\$		\$		\$		\$
1	Margaretville.....	8	160	20	300	1800	3600	1000	2500	1200	1800	250	375
2	Port George.....	10	200	80	1200	1200	2400	700	1750	960	1200	150	225
3	Port Lorne.....	6	120	50	750	1800	3600	1000	2500	1100	1650	200	300
4	Hampton ..	6	120	30	450	500	1600	300	750	800	1200	120	180
5	Phinney's Cove...			120	1800	1920	3840	1000	2500	1300	1950	120	180
6	Parkers Cove.....			200	3000	3060	6120	2500	6250	3500	5250	300	525
7	Hilsburne.....			190	1850	1800	3600	1300	3250	1800	2700	250	375
8	Litchfield.....			195	1925	1400	2800	2000	5000	4000	6000	400	600
9	Port Wade.....			56	840	1800	3600	3500	8750	4500	6750	350	525
10	Victoria Beach.....			205	3075	3500	7000	4000	10000	6000	9000	400	600
11	Clements Port and Deep Brook.					427	854	580	1450	595	892	94	141
12	Annapolis, Lequille & Nicteaux Rivers.....	24	480										
		54	1080	1146	17190	19207	38414	17880	44700	25595	38392	2684	4026

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CATCH.

in the County of Annapolis, Province of Nova Scotia, during the year 1912-13.

Herring, cwts.	Herring, value.	Mackerel, cwts.	Mackerel, value.	Shad, cwts.	Shad, value.	Halibut, cwts.	Halibut, value.	Flounders, cwts.	Flounders, value.	Trout, cwts.	Trout, value.	Bass, cwts.	Bass, value.	Eels, cwts.	Eels, value.	Tom-cod, cwts.	Tom-cod, value.	Squid, cwts.	Squid, value.	Clams, cwts.	Clams, value.	Number.	
			%		%		%		%		%		%		%		%		%		%		
800	800	30	90															10	40			1	
1300	1300	25	75															10	40			2	
800	800	14	42															5	20			3	
350	350	15	45															5	20			4	
2000	2000																						5
5000	5000					550	4400																6
2300	2300					155	1240																7
1000	1000					500	4000																8
400	400					300	2400													291	1107		9
500	500					1000	8000	15	30							10	20						10
72	72							10	20											3500	4900		11
.....	.....			20	200	.....	.....	.....	.....	500	7500	25	250	30	30	.....	.....	.....	.....	.....	.....	.....	12
14522	14522	84	252	20	200	2505	20040	25	50	500	7500	25	250	30	30	10	20	30	120	4291	6007		

4 GEORGE V., A. 1914

THE CATCH

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed
of Nova Scotia, during

Number.	Fishing Districts.	Salmon, fresh and frozen, *cwts.	Lobsters, shipped in shell, cwts.	Cod, fresh, cwts.	Cod, dried, cwts.	Haddock, fresh, cwts.	Haddock, dried, cwts.	Hake and Cusk, dried, cwts	Pollock, dried, cwts.	Herring, fresh, cwts.
	<i>County of Annapolis.</i>									
1	Margaretville.....	8	20	138	588	70	310	410	83	400
2	Port George.....	10	80	92	369	35	221	267	50	650
3	Port Lorne.....	6	50	138	587	70	310	368	67	400
4	Hampton.....	6	30	38	130		99	267	40	270
5	Phinneys Cove.....		120		640	70	310	433	40	1200
6	Parkers Cove		200	235	909	115	798	1166	117	2800
7	Hilsburne		190	138	587	55	415	600	83	1000
8	Leitchfield.		195	108	431	50	650	1333	133	500
9	Port Wade.....		56	138	587	810	900	1500	117	200
10	Victoria Beach.....		205	270	1000	1350	883	2000	134	200
11	Clements Port and Deep Brook			178	83	523	15	198	31	60
12	Annapolis, Lequelle and Nictaux Rivers	24								
	Totals	54	1146	1473	5911	3148	4911	8532	895	7680
	Rates.....\$	20	15	2	6	2.50	5	4	4	1
	Values.....\$	1080	17190	2946	35466	7870	24555	34118	3580	7680
	Total value.....									

*Cwt. =100 lbs.

4 GEORGE V., A. 1914

THE

RETURN showing the quantities and Values of all Fish caught and landed in a Green

Number.	Fishing Districts.	Salmon, cwts.*	Salmon, value.	Lobsters, cwts.	Lobsters, value.	Cod, cwts.	Cod, value.	Haddock, cwts.	Haddock, value.	Pollock, cwts.	Pollock, value.	Herring, cwts.	Herring, value.	Shad, cwts.	Shad, value.	Alewives, cwts.
	<i>County of Kings.</i>		\$		\$		\$		\$		\$		\$		\$	
1	Morden and vicinity.....	39	585	5	60	20	40	.....	.....	200	400	130	130	.	.....	.....
2	Victoria Harbour and Ogilvie Wharf.. ...	20	300	10	120	8	16	..	..	100	200	50	50	..	.....	.....
3	Harbourville.	350	5250	.	.	8	16	..	..	10	20	765	765	..	.....	.....
4	Canada Creek.....	300	4500	70	840	290	540	25	37	50	100	3860	3860	..	..	..
5	Chipman's Brook and Hunting Point	50	750	8	96	23	46	.	.	10	20	950	950	..	.....	.....
6	Hall's Harbour.....	65	975	20	240	340	680	31	46	140	280	2860	2860	30	300	..
7	Race Point and Sheffield Vault	35	525	..	..	..	..	..	..	..	..	970	970	20	200	.....
8	Baxter's Harbour.....	25	375	..	..	250	500	108	162	56	112	985	985	30	300	.....
9	Whalen Beach and Well's Cove	75	1125	..	..	..	..	..	..	..	..	970	970	..	..	.....
10	Scott's Bay	100	1500	15	180	145	290	..	..	100	200	500	500	75	750	..
11	Blomdon and Kingsport	..	..	..	..	..	..	..	..	..	..	250	250	25	250	..
12	Starr's Point to Wolfville	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
13	Upper Gaspereau and all inland waters	60	700	..	..	..	..	20	30	..	..	..	..	6	60	2,68
	Totals	1119	16585	128	1536	1084	2128	184	275	666	1332	12290	12290	186	1860	2768

*Cwt. = 100 lbs.

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CATCH.

State in the County of **Kings**, Province of **Nova Scotia**, during the Year 1912-13.

Alewives, value.	Halibut, cwts.	Halibut, value.	Flounders, cwts.	Flounders, value.	Smelts, cwts.	Smelts, value.	Trout, cwts.	Trout, value.	Mixed fish, cwts.	Mixed fish, value.	Squid, brls.	Squid, value.	Clams, brls.	Clams, value.	Number.
¢		¢		¢		¢		¢		¢		¢		¢	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
.....	10	100	.....	.....	.....	.....	.....	.....	.....	.....	50	100	.....	.....	5
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
.....	5	50	.....	.....	.....	.....	.....	.....	.....	.....	25	50	.....	.....	7
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
.....	.....	.....	100	50	.....	.....	.....	.....	100	50	25	50	.....	.....	9
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
2768	.....	.....	.....	.....	5	25	24	24	.....	.....	.....	.....	10	25	13
2768	15	150	100	50	5	25	24	240	100	50	100	200	10	25	

THE CATCH MARKETING.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., State, for the County of Kings, Province of Nova Scotia, during the Year 1912-13.

Number.	Fishing District.	Salmon, fresh and frozen. *cwt.	Lobster, shipped in shell. cwt.	Cod, fresh, cwt.	Cod, dried, cwt.	Haddock, fresh, cwt.	Pollock, dried, cwt.	Herring, pickled, brl.	Herring, used as bait, brl.	Shad, fresh, cwt.	Alewives, fresh, cwt.	Alewives, salted, brl.	Halibut, fresh, cwt.	Flounders, fresh, cwt.	Smelts, fresh, cwt.	Trout, fresh, cwt.	Mixed fish, fresh, cwt.	Squid, used as bait, brl.	Clams and Quahaugs, fresh. brl.	Number.
<i>County of Kings.</i>																				
1	Morden and vicinity	39	5	10	3		66	30	20											1
2	Victoria Harbor and Ogilvie Wharf.	20	10	5	1		34	13	3											2
3	Harbourville	350		5	1		3	232	35											3
4	Canada Creek	300	70	50	81	25	17	1195	138											4
5	Chipman Brook and Hunting Point	50	8	20	1		5	290	41	30										5
6	Halls Harbor	65	20	100	80	31	47	860	140	20			10					50		6
7	Race Point and Sheffield Vault.	35						300	33	30										7
8	Baxter's Harbor	25		10	80	108	17	320	13	30			5					25		8
9	Whalen Beach and Well's Cove	75						300	33	75										9
10	Scotts Bay	100	15	23	40		34	157	10	25				100			100	25		10
11	Blomidon and Kings Port							73	14											11
12	Stairs Point to Wolfville											413			5					12
13	Upper Gaspeaux and Inland water.	66				20				6		785				24				13
Totals		1119	128	223	287	184	221	3770	480	186	413	785	15	100	5	24	100	100	10	
Rates		15	12	4	6	1.50	5	5	3	10	1	4	10	1	5	10	.50	2	2.50	
Values		16785	1536	892	1722	276	1105	18850	1440	1860	413	3140	150	100	25	240	50	200	25	
Total value																			\$ 48,800	

*Cwt. — 100 lbs.

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RECAPITULATION

Of the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, etc., State, for District No. 3, province of Nova Scotia, during the year 1912-13.

Kinds of Fish.	Caught and landed in a Green State.		Marketed.		Total Marketed value.
	Quantity.	Value.	Quantity.	Value.	
		\$		\$	\$
Salmon cwts.	1,698	27,276	1,698	28,179	28,179
" used fresh and frozen "					
Lobsters "	129,222	1,228,123	29,269	580,601	1,394,273
" canned cases.			56,141	813,672	
" shipped in shell cwts.					
Cod "	639,095	751,127	44,586	88,299	1,345,906
" used fresh "			20,964	66,534	
" shipped green-salted "			200,839	1,191,073	
" dried "					
Haddock "	239,880	433,620	51,018	104,628	464,404
" used fresh "			32,404	177,610	
" smoked "			7,558	45,348	
" canned "			37,570	136,818	
" dried "					
Hake and Cusk "	167,998	168,184	23,492	21,306	208,771
" used fresh "			48,174	187,365	
" dried "					
Pollock "	55,144	53,303	2,628	2,628	67,184
" used fresh "			17,501	64,556	
" dried "					
Herring "	218,105	184,318	50,990	72,363	281,644
" used fresh "			6,644	36,152	
" smoked "			23,746	96,011	
" pickled brls.			41,240	77,093	
" used as bait "			50	25	
" used as fertilizer "					
Mackerel cwts.	45,263	244,967	30,464	184,371	235,533
" used fresh "			4,930	51,162	
" salted brls.					
Shad cwts.	252	2,295	252	2,516	2,516
" used fresh "					
Alewives cwts.	29,391	29,489	17,997	26,006	38,380
" used fresh "			3,816	12,374	
" salted brls.					
Scallops cwts.	1,000	3,000	320	1,600	3,640
" canned cases.			680	2,040	
" used fresh cwts.					
Halibut cwts.	14,129	97,829	14,129		106,458
Flounders "	226	389	226		815
Smelts "	408	4,532	408		4,614

RECAPITULATION.

OF the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, etc., State, for District No 3, Province of Nova Scotia, during the year 1912-13—*Continued.*

Kinds of Fish.	Caught and landed in a Green State.		Marketed.		Total Marketed value.
	Quantity.	Value.	Quantity.	Value.	
		\$		\$	\$
Trout..... cwts.	596	8,460	596		8,460
Albacore..... "	1,890	4,575	1,890		8,733
Bass..... "	25	250	25		250
Eels..... "	687	3,061	687		3,972
Tom-cod..... "	20	40	20		40
Swordfish..... "	1,696	8,294	1,696		13,167
Mixed Fish..... "	5,630	3,840	5,630		6,015
Squid..... brls.	226	597	226		622
Clams and Quahaugs..... "	20,043	28,383			
" used fresh..... "			20,043	29,974	29,974
Tongues and Sounds..... cwts.			1,658		7,966
Hair Seal Skins..... number.			75		75
Fish Oil..... gallons.			37,920		12,396
Fish glue material..... tons.			1,010		17,170
Periwinkles..... cwts.	658	987	658		1,645
Dulse..... "	391	1,955	130		1,955
Totals.....		3,288,894			4,294,657

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RECAPITULATION.

OF the Number of Fishermen, etc, and of the Number and Value of Fishing Vessels, Boats, Nets, etc., in District No. 3, province of Nova Scotia, for the year 1912 13.

	Number.	Value.
		\$
Vessels (tonnage 17,767).....	373	1,638,228
Boats (sail).....	3,071	88,034
" (gasoline).....	1,796	434,680
Tugs, Smacks, etc.....	58	78,350
Gill Nets.....	14,152	89,823
Seines.....	359	48,362
Trap and Smelt Nets.....	377	46,931
Weirs.....	63	15,550
Trawls.....	7,535	75,327
Hand Lines.....	12,125	10,225
Lobster Traps.....	309,780	293,773
" Canneries.....	65	76,900
Freezers and Ice-houses.....	72	41,460
Smoke and Fish-houses.....	1,636	227,919
Piers and Wharves.....	644	651,600
Totals.....		3,818,163

Number of men employed on Vessels and Tugs.....	4,161
" " Boats.....	7,400
Number of persons employed in Fish-houses, Freezers, Canneries, etc.....	1,892
Total.....	13,453

4. GEORGE V., A. 1914

RECAPITULATION

OF THE QUANTITIES and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, etc., State, for the whole Province of Nova Scotia, during the Year 1912-13.

Kinds of Fish.	Caught and landed in a Green State.		Marketed.		Total marketed value.
	Quantity.	Value.	Quantity.	Value.	
		\$		\$	\$
Salmon cwts.	7,621	86,760			
" used fresh and frozen. "			7,474	108,933	
" canned cases.			89	623	
" salted cwts.					
" mild cured "					
" smoked "			40	800	
					110,35
Lobster "	283,518	1,980,186			
" canned cases.			84,374	1,578,941	
" shipped in shell cwts.			71,816	970,107	
					2,549,048
Cod cwts.	928,105	1,076,410			
" used fresh "			81,664	172,477	
" shipped green-salted "			45,655	156,248	
" dried "			251,685	1,484,089	
					1,812,814
Haddock "	472,272	712,893			
" used fresh "			187,833	491,169	
" canned cases.			7,558	45,348	
" smoked cwts.			35,826	197,962	
" dried "			67,149	269,364	
					1,003,843
Hake and Cusk "	199,360	195,251			
" used fresh "			24,476	22,798	
" dried "			58,298	227,663	
					250,561
Pollock "	95,140	82,181			
" used fresh "			4,239	5,025	
" dried "			30,298	120,022	
					125,047
Herring "	376,147	330,670			
" used fresh "			59,346	80,719	
" smoked "			11,783	51,603	
" pickled brls.			53,590	235,557	
" used as bait "			65,097	120,415	
" used as fertilizer "			1,110	550	
					488,844
Mackerel cwts.	84,586	406,559			
" used fresh "			48,771	322,696	
" salted brls.			11,944	156,191	
					478,887
Shad cwts.	611	4,096			
" used fresh "			517	5,086	
" salted brls.			27	405	
					5,491
Alewives c. ts.	32,883	33,284			
" used fresh "			20,248	31,619	
" salted brls.			4,233	13,994	
					45,613

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RECAPITULATION

OF THE QUANTITIES and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, etc., State, for the whole Province of Nova Scotia, during the Year 1912-13.—*Concluded.*

Kinds of fish.	Caught and landed in a Green State.		Marketed.		Total marketed value.
	Quantity	Value.	Quantity	Value.	
		\$		\$	
Halibut..... cwt.	28,216	191,015	28,216		246,818
Flounders..... "	1,694	2,020	1,694		4,462
Smelts..... "	4,231	23,812	4,231		31,863
Trout..... "	1,036	11,531	1,038		12,880
Albacore..... "	2,914	5,861	2,914		12,829
Bass..... "	168	944	168		1,635
Eels..... "	1,685	6,428	1,685		8,992
Tom Cod..... "	717	756	717		779
Swordfish..... "	6,557	32,499	6,557		47,349
Mixed Fish..... "	6,129	4,232	6,129		7,913
Squid..... bbl.	2,818	8,622	2,818		10,779
Oysters..... "	2,726	10,698	2,726		14,740
Clams and Quahaugs including Scallops. .. "	27,536	38,198			
" " " used fresh. "			27,066	44,750	
" " " canned ... "			470	2,275	47,025
Dulse, Cockles & other shell fish cwt.	1,049	2,942	788		3,600
Tongues and Sounds..... "			1,758		8,921
Hair Seal Skins..... "			178		193
Fish Oil..... gals.			104,158		36,483
Whale Oil..... "			300		120
Fish—Glue material.... tons.			1,010		17,170
Totals		5,247,848			7,384,055

* The Dulse included is dried.

RECAPITULATION

OF THE NUMBER of Fishermen, etc., and of the Number and Value of Fishing Vessels, Boats, Nets, etc., in the whole Province of Nova Scotia, for the Year 1912-13.

	Number.	Value.
		\$
Vessels (tonnage, 22,560).....	623	1,824,183
Boats (sail).....	9,812	313,426
" (gasoline).....	2,742	645,690
Tugs, Smacks, etc.....	175	159,155
Gill Nets.....	59,041	435,546
Seines.....	776	178,477
Trap and Smelt Nets.....	935	95,754
Weirs.....	75	15,960
Trawls.....	13,197	138,104
Hand lines.....	26,932	20,322
Lobsters traps.....	801,267	695,912
" canneries.....	210	230,850
Freezers and ice-houses.....	204	263,885
Smoke and fish-houses.....	4,041	493,992
Piers and wharves.....	1,642	1,020,354
Total.....		6,531,590

Number of men employed on Vessels and Tugs..	5,678
" " Boats.....	15,765
" persons employed on Fish-houses, Freezers, Canneries, &c...	5,095
Total.	26,538

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APPENDIX No. 4.**NEW BRUNSWICK**

District No. 1.—Comprising the counties of Charlotte and St. John. Inspector, John F. Calder, Campobello.

District No. 2.—Comprising the counties of Albert, Westmorland, Kent, Northumberland, Gloucester and Restigouche. Inspector, R. A. Chapman, Moncton.

District No. 3.—Comprising the counties of Kings, Queens, Sunbury, York, Carleton, Victoria and Madawaska. Inspector, H. E. Harrison, Fredericton.

REPORT ON THE FISHERIES OF DISTRICT No. 1.

To the Superintendent of Fisheries,
Ottawa.

SIR,—I have the honour to present herewith my seventh annual report on the fisheries of District No. 1, province of New Brunswick, consisting of the counties of Charlotte and St. John, together with the statistics of the different subdivisions.

The value of the yield for this year is \$1,612,599, against \$2,092,353 for the previous year. The year 1911-12, however, was a phenomenal one for the fishing industry of this section, and, while the value of the catch for the past year falls \$479,954 behind that for the previous year, it, at the same time has been a good year for the fishermen; in fact the value of the yield for this year is greater than that of any one for the last ten years, excepting, of course, 1911-12. The depreciation in the value of this year's yield must not be attributed to a falling off in the supply of fish, but rather to the depression in the United States canned sardine markets. Owing to over production of canned sardines during the previous year, the American markets became overstocked and prices took a tremendous slump. This, of course, meant that American sardine herring buyers at the weirs in this district would not be very anxious for fish and would only pay low prices for what they did buy. As a result of these circumstances, I am placing the valuation of sardines at \$1 per barrel, instead of \$2 as in the past. The value of sardines at the wiers this year was \$280,282. If the usual prices were paid, these same fish would have brought \$560,564. All other branches, excepting pollock, were good—some exceptionally good.

HERRING.

There is a falling off in the value of the large herring fishery, although there is an increase in the catch; poor prices being the rule. The chief item under this heading is the smoked herring industry at Grand Manan and, while the output of these was practically the same as last year, owing to the high prices during 1911-12, the total value of cured herring during that year was \$286,209 against \$196,793 for this year. The amount of bared pickled herring gets less each year.

SARDINES.

At the beginning of this report I have at some length explained the outstanding features of this branch during the present year, and can only add that in addition to

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the low prices paid the fishermen, and consequent poor returns, there were thousands of hogheads allowed to pass out of the wiers, as there were no markets for them. This unfortunate phase was particularly true of St. John county. The fishermen having done well by seining sardines there during the past few seasons, when prices were good, built a number of new weirs so that they could more successfully prosecute the fishery. But, as the American buyers were not carrying on operations with their usual vigor, they confined their purchasing area to the weirs close at hand—in Charlotte county—and the St. John men had very few opportunities to sell. The output of the Charlotte county canneries was fully up to the average, the pack being 84,977 cases, valued at \$124,885. I am pleased to be able to report, however, that at this writing the markets for sardine herring are excellent, the immense new cannery at Chamcook is running and sardine herring are now bringing from \$2 to \$2.50 per barrel. Therefore, it is safe to presume that market conditions will continue good for all the season and the St. John county weir men, and those from Charlotte county as well, will be afforded opportunities to sell their catches at remunerative prices.

SALMON.

The salmon catch has remained practically stationary during the past two years, 3,353 cwts. valued at \$50,295 during 1911-12 and 3,295 cwts for this year, valued at \$49,425.

LOBSTERS.

It is extremely gratifying to be able to report a large increase in both the yield and value of this fishery. In 1911-12 the catch was 8,539 cwts. worth \$128,085, against 12,410 cwts. valued at \$186,150 for this year. In my opinion, the Department of Marine and Fisheries is responsible for the condition of the lobster fishery to a greater extent than it is in any of the other branches. The other kinds come in from the ocean, at certain seasons, and all that are not taken depart again, either to return to the off shore grounds or else along the American shores on their way to warmer waters. No matter which of these routes they take they find many fishermen waiting for them, and, no doubt, very few ever come back again. Not so with the lobsters. They may be compared with our domestic animals. They are hatched and reared, live and die right off our own shores, and, are therefore the particular wards of the department, if I may use the term. The present size limit $3\frac{3}{4}$ inches length of carapace has done wonders for the lobster fishery in this district. The value of the catch for 1910, which was the last year of the nine-inch size limit, was only \$77,860, while the value of this year's catch, as above stated, reaches the magnificent total of \$186,150, an increase of nearly one hundred and fifty per cent. Flattering as these figures are, there is still room for improvement—not in the regulations, but in the enforcement of them. Being situated so close to the American border it is comparatively easy for fishermen with fast motor boats to slip over on the other side with small lobsters. As the State of Maine size limit is the same as ours, the lobsters are not marketed there. But being protected by the 'Through Bill of Lading,' which the fisherman makes out en route, they pass through Maine to their destination in either Boston or New York. I am pleased that your department has taken up this matter of 'Through Bills of Lading,' with the United States authorities, and am in hopes that your efforts will be successful, and this great avenue through which quantities of small lobsters have passed, be shut off. If these 'Bills of Lading' would not be recognized by the State of Maine officials, it would be much easier for our officials to carry out the law. Every dollar spent by your department for lobster protection adds to the value of the fishery. With the new patrol boats to be built, I am in hopes of having much better means for looking after the lobsters than heretofore.

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COD, HAKE, HADDOCK AND POLLOCK.

There was a noticeable increase in the cod catch, 18,160 cwts. in 1911-12 and 25,253 this year. Hake increased from 79,412 during the previous year to 97,524 this season. There is an increase in the reported catch of haddock. The figures given being 10,382 cwts. for 1911-12 and 20,532 cwts. this year. These figures are somewhat misleading, as the fishermen sell their small cod fresh with the haddock and report them to the officers as being all haddock. As a matter of fact, haddock are becoming scarcer each year. This, no doubt, is due to the large fleet of American and Canadian fishing vessels operating in the mouth of the Bay of Fundy all the year round and catching up the haddock before they can enter the inshore waters. Pollock were not so plentiful as during the previous year. Our fishermen are very apprehensive as to the future of this important fishery. They fear that unless the United States Government take steps to stop purse seining and carry out the laws against using explosives to kill fish, our pollock fishery will become depleted.

ALEWIVES.

There was a large increase in the catch of alewives, compared with the previous season.

VALUE OF MATERIALS USED IN THE FISHING INDUSTRY.

There is a large increase in the value of the vessels, boats, weirs, canneries, &c. The value for 1911-12 was \$1,404,372 and \$1,858,844 for this year. The number of persons engaged in the industry, either as fishermen or employees, increased from 3,477 to 3,910. The large increase in the value is almost entirely due to the erection of the immense sardine plant by the Canadian Sardine Company, Limited, at Chamcook. The value of this plant is given as being \$257,000, and their fleet of sardine carriers at \$67,500. The number of motor boats used by the fishermen increased from 681 to 780, and their value from \$172,425 to \$216,400. I may add that I believe we have the best fleet of motor fishing boats to be found anywhere in the world. However, there should be regulations compelling the owners to equip them with effective mufflers.

CONCLUSION.

Generally speaking, the regulations were very well carried out. Some lobster fishing was done during the close season. The resident fishery officers can do very little toward preventing violations of this nature. Patrol boat No. 2 had all of this work to do. As she is slow and can only go in good weather, it was impossible for her crew to keep all of the fishermen from putting out traps. I am anticipating very little fishing during the close seasons after the new patrol boats are off. As you are aware, death has claimed Captain Silas Mitchell, of Patrol Boat No. 2. Mr. Mitchell was a capable and efficient officer, and his loss will not only be felt in the service, but in the community in which he lived as well.

Once again I desire to thank both you and the officials of the department for courteous treatment during the year.

I am, sir,

Your obedient servant,

J. F. CALDER,

Inspector of Fisheries.

REPORT ON THE FISHERIES OF DISTRICT No. 2.

To the Superintendent of Fisheries,
Ottawa.

SIR,—I have the honour to submit my report on the fisheries of District No. 2, in the province of New Brunswick, for the fiscal year 1912-13, also returns of the catch with disposition of the same, and an estimate of the capital employed in the prosecution of these fisheries, together with the number of persons engaged therein. These returns show an aggregate value of \$2,611,333, which is \$150,422 less than the value for last year, owing to there being a large falling off in all kinds of shellfish, which was at least partly caused by bad weather.

SALMON.

More were caught than during the previous year, notwithstanding the unfavourable season, and they were reported as exceedingly plentiful on the spawning grounds last fall. The extension of time for fly fishing is strongly objected to by net fishermen.

SHAD.

This fishery continues to decrease and I am afraid will continue to do so, notwithstanding commissions, &c., unless a close time is established while they are spawning. Even the proposed help of hatcheries appears problematical.

HERRING.

Immense quantities were taken as usual for all purposes, many being smoked in the large houses erected for that purpose at Baie Verte, Point du Chene, &c.

MACKEREL.

Fishing for these is now prosecuted very successfully, with large gasoline boats on several parts of our coasts, and many more such craft will be engaged in it, in the coming season than heretofore.

COD.

Bad weather and in some cases shortage of bait, interfered with this very important fishery, still the catch was fully an average one.

SMELTS.

More were taken than for several years past, reaching to nearly 8,000,000 lbs. (4,000 tons). The importance of this coming in the winter season, when there is scarcely any other fishing being prosecuted, can hardly be overestimated; it means hundreds of thousands of dollars paid out to the inhabitants just when most needed, and I do not believe these little fish are at all diminishing in numbers, notwithstanding that many times more of them are eaten by other fish than are caught.

SHELLFISH.

It is certainly to be hoped that the present commission, composed of men of large experience, may work out something to benefit these permanently. There is little

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doubt, fall fishing for lobsters after all spawning is done for the season, would make it difficult to fish them out.

As to oysters, the cultivation of suitable ground where none exist now, even in locations where this is amongst live beds, would not only make such ground productive, but would vastly increase the output of such live beds from the spat that would be carried onto them from such freshly cultivated areas. Extensive cultivation which has been so successfully carried on in other countries can alone save and restore the oyster.

The catch of other kinds of fish was about an average one, with very high prices.

I am, sir,

Your obedient servant,

R. A. CHAPMAN,

Inspector of Fisheries.

REPORT OF THE FISHERIES OF DISTRICT No. 3 (INLAND).

To the Superintendent of Fisheries,
Ottawa.

SIR,—I have the honour to submit my eleventh annual report on the condition of the fisheries in the inland waters of New Brunswick, for the fiscal year 1912-13, together with a statistical statement of the quantity and value of fish taken, the material used, and the number of persons temporarily engaged therein.

By a more systematic, and I trust a more correct method of gathering the statistics, I doubt not that this report is about as nearly correct as it is possible to get it.

While I have always advised my officers, and have tried to get as near to the truth about the different catches myself, as possible, I have, where estimating has to be done, as it has in the case of trout, and some others, been careful to try and make the statistics as reliable as possible.

I am pleased to state that the financial result for the past year shows a betterment of over eight thousand dollars over that of 1911-12, as may be seen by the following:—

Years.	Value of fish.	Value of materials.
1911-12.	\$32,049	\$43,913
1912-13	40,132	39,595

While this sum of money (\$40,000) is not a great one, when distributed amongst quite a number of people, it must be remembered that a comparatively small number of them give a great amount of time to the fisheries, suffer little hardships, with practically no risk to life or limb, and while the value of material is about equal to the annual catch of fish, none of the material has to be renewed each season, and some of it lasts for years.

The season was not considered favourable for salmon fishing, nevertheless the general result appears to have been quite satisfactory.

I think there is no doubt but that this fishery has very much improved in these waters within the last decade.

There was quite a number of salmon taken with the fly, at different pools in the St. John river between Fredericton and Grand Falls, and some excellent sport was enjoyed.

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I believe there are hundreds of places along this beautiful river where sport of this nature might be enjoyed if it were but tried at the proper height of water, as these fish pass up in easy stages and stop in the different pools as they go.

The trout fishing was quite satisfactory last season. This sport, of course, appeals to the great majority of fishermen, as it costs very little to outfit, and almost every brook has its quota of trout. The best fishing is to be found, of course, farthest from the settled districts.

Much could be done to improve fishing if trout fry could be conveniently had and placed in some of the better streams.

I would respectfully call attention to the suggestion respecting this matter in Overseer McKay's report, which will be found embodied herein.

The shad fishery was fairly satisfactory, considering the condition it has been in for some years.

I trust that good results will follow the operations of the floating hatchery, that it will be followed up for some years at least, and that if results justify such, it will be a permanent affair.

The great run of alewives last season was one of the remarkable features in connection with the St. John river fisheries. They were late running, and only for a short time, but in that time the accustomed fishing grounds appeared to be literally alive with them and great hauls were made for which good prices were obtained.

Sturgeon, pickerei and bass show an increased catch, and I trust that this is an indication, respecting sturgeon and bass, at least of a permanent increase, and that they will come to somewhere near what these fisheries were years ago, before proper regulations were enacted for their protection.

Reports from my officers all indicate that the fisheries of this district, with the exception of that for shad, are holding their own, and some materially improving.

Local conditions affect the catches in some districts, and cause fluctuations, but, speaking generally, the future appears encouraging.

Overseer McKay, York county, reports:—

'I am pleased to be able to say that salmon were never so plentiful in the St. John river during my term of office as in the past season; but the catch was not so large as it might have been, in consequence of the very heavy freshets that prevailed during the season, preventing fishermen setting their nets for a considerable portion of the time.

Shad showed some increase; but the high water hindered the fishery until the last few days of the season; hence the catch was very little above last year.

Trout, gaspereaux, &c., showed no material change from last year.

Fortunately for the local sportsmen, the open season for fly fishing was extended. This extension was much appreciated, and there was taken a goodly number of fine salmon, some of which weighed upwards of twenty pounds.

I again call attention to the necessity of installing a trout hatchery at some central place within easy reach of our lakes and small streams, so that there might be put into them such a supply of this sporting fish as to induce foreigners—as also natives—to visit these waters in the summer and spend their money building cottages, employing guides, and purchasing provisions and other necessities. Salmon frequent only certain rivers, while every stream has some trout, and if these streams were well stocked with trout they would be sought by many sportsmen who would not go a long distance to a salmon river.'

I had the good fortune last season to be able to visit the head waters of one of the branches of the Tobique river, the natural breeding waters of, what some say, is the finest salmon in Canada.

This was made possible, partially by the kindness of the Tobique salmon club making all arrangements and standing part of the expense of my trip, together with Mr. Donald Fraser, jr., of Plaster Rock, lessee of part of the Tobique waters, who allowed me the use of his lodge at the head waters, and brought me out from the

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'Forks' of the Tobique in his motor car to his home, some thirty odd miles. Mr. Fraser has re-leased his part, with the exception of one pool, to the club.

The Tobique salmon club, undoubtedly, has had a large share in the preservation and improvement of the salmon fishery, not only of the Tobique waters, but of the whole of the St. John waters, by the very efficient protective service on the Tobique, for about twenty years, leasing it when at a very much fished-out state, and by large expenditures of money and good management, bringing it back to a grand salmon river.

Mr. Thomas F. Allen, superintendent-for the Tobique club, is proud, as well he may be, of the results of his management for all these years.

Plans are made and the material is on the ground for the construction of two fishways for obstructions in the Salmon river, Victoria county.

These will be built as soon as the water gets low enough to do the work.

Although this stream is not so large as the Tobique, and goes very low in a dry season, the water is cold and beautiful; there are dozens of splendid pools and with continuous stocking with fry, and proper protection it is hoped to make it a very valuable sport fishing stream.

Plans are made and orders given, also, for fishways to be placed in two dams in the Nashwaak river, York county. These are to be built the present season. This river is reported to have been a great salmon river years ago, but the immense quantities of lumber brought down it for half a century or more has so broken down the banks and filled up and widened the bed of the river, that in a dry season, salmon find it difficult to navigate it. However, there are some good pools and we hope for good results there also.

A small supply of salmon fry was placed in the Nashwaak last season and more has been applied for, for the same purpose this season.

In closing this report I wish to express my appreciation for kindly and patient treatment by all officials with whom I have had dealings.

I have the honour to be, sir,

Your obedient servant,

H. E. HARRISON,
Inspector of Fisheries.

RETURN showing the Number of Fishermen, etc., the Number and Value of Vessels and Boats, and the Quantity and Value of all Fishing Gear, etc., used in the Fishing Industry in the Counties of **Charlotte** and **St. John**, Province of **New Brunswick**, during the Year 1912-13.

Fishing Districts.	Fishing vessels, boats, tugs, etc.										Fishing Gear.								
	Vessels.			Boats.				Dip Nets.			Gill Nets.		Seines.		Weirs.		Smelt Nets.		
	Number.	Tons.	Value.	Men.	Sail.	Value.	Gasoline.	Value.	Men.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.
County of Charlotte.																			
1	10	90	8500	20	100	1500	24	3240	100	50	150	10	120	30	3000	30	30000	.....	.....
2	11	170	6600	34	90	1965	64	26300	157	100	300	81	810	54	4100	54	31000	5	50
3	4	44	1250	15	261	7000	28	1460	210	92	370	42	300	77	6150	52	34300	8	100
4	11	181	67500	22	215	8600	30	9000	315	300	1200	.....	.....	105	10500	105	94500	3	15
5	59	1015	37500	168	367	12000	151	49000	278	300	4500	570	5700	59	11400	59	86000	.....	.....
6	8	208	4500	59	130	2400	109	30000	274	80	240	11	220	24	2000	23	9000	4	50
7	.....	.....	.....	.....	45	1900	190	38000	380	200	600	75	1500	108	4680	90	45000	20	150
Totals	103	1708	125850	318	1208	35365	596	16000	1714	1122	7360	789	8650	457	41830	413	329800	40	365
County of St. John.																			
1	.....	.....	.....	.....	275	11000	40	16000	320	.....	.....	160	12000	20	4000	30	24000	.....	.....
2	4	89	2000	14	20	400	23	5800	46	.....	.....	190	1900	7	600	3	1500	.....	.....
3	3	42	1800	6	100	1500	101	31200	208	.....	.....	1120	14000	17	1700	28	14000	.....	.....
4	1	10	500	2	13	200	10	2000	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	1	12	400	.....	15	375	7	1400	20	.....	.....	13	200	.....	.....	.....	.....	.....	.....
Totals	9	153	4700	22	423	13475	184	56400	612	.....	.....	1783	28100	44	6300	61	39500	.....	.....
Grand Totals	112	1861	130550	340	1631	48840	780	216400	2326	1122	7360	2572	36750	501	48130	474	369300	40	365

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RETURN showing the Number of Fishermen, etc., the Number and Value of Vessels and Boats, and the Quantity and Value of all Fishing Gear, etc., used in the Fishing Industry in the Counties of **Charlotte** and **St. John**, Province of **New Brunswick**, during the Year 1212-13.

Fishing Districts.	Fishing Gear				Canneries.				Other Material.				Persons Employed in Canneries, Freezers and Fish-houses.				
	Trawls.		Lobster Traps.		Lobster.	Sardine.	Clam.	Freezers and Ice-houses.	Smoke and Fish-houses.	Piers and Wharves.	Pile Drivers and Reels.						
	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.					
County of Charlotte.																	
1 Lepreau to Red Head	60	3000	55	25	1500	1500			3	10000	3	600	6	4000	12	1200	45
2 Red Head to Letang	12	270	150	75	1925	1925			6	3200	33	10800	24	23500	30	1000	301
3 Letang to St. Georges	6	100			575	575					25	1665	15	550	39	1850	
4 St. George to St. Stephen	104	2080	1110	1110	300	300			2	8200	2	800	2	3000	250	4500	300
5 Grand Manan	90	2000	500	250	13800	13800	*3	6000	1	500	431	167800	96	85500	41	2800	380
6 Campbellville	20	400	350	350	1100	800	*1	2500			90	6000	46	3400	30	1000	32
7 West Isles					900	900			2	22000	1	700	48	2250	51	3100	120
Totals	292	7850	2165	1810	20100	19800	4	8500	6	362000	8	19200	632	189915	240	123050	1168
County of St. John.																	
1 St. John Harbour					600	600							72	45000	59	75000	50
2 Lepreau to Chance Harbour	25	450			1500	1500							4	800	8	1600	16
3 Chance Harbour to St. John	20	600			2600	2600							1	1800	12	12000	10
4 Mispec to Tynemouth Creek					1050	1050											
5 Tynemouth to Albert County			11	11	760	760											
Totals	45	1350	14	14	6510	6510							111	49300	70	77800	76
Grand Totals	337	9200	2179	1824	26610	26310	4	8500	6	369000	8	19200	743	239215	310	200850	1244

Not operated.

Not operated.

THE CATCH.

Return showing the Quantities and Values of all Fish caught and landed in a Green State in the Counties of Charlotte and St. John, province of New Brunswick, during the year 1912-13.

Number.	Fishing Districts.	Salmon, cwt.*	Salmon, value.	Lobsters, cwt.	Lobsters, value	Cod, cwt.	Cod, value.	Haddock, cwt.	Haddock, value.	Hake and Cusk, cwt.	Hake and Cusk, value.	Pollock, cwt.	Pollock, value.	Herring, cwt.	Herring, value.	Mackerel, cwt.	Mackerel, value.	Shad, cwt.	Shad, value.	Alewives, cwt.	Alewives, value.	Number.
Charlotte County.																						
1	Lepreau to Red Head			546	8190	45	90			40320	30240	15	15	2000	1500			150	750			1
2	Red Head to L'Etang			914	13710	2750	5500	11820	29550			500	500	20100	15075	50	250					2
3	L'Etang to St. George			307	4605	2045	4090	672	1680	832	624	3975	3975	52	39							3
4	St. George to St. Stephen			170	2550			430	1075	460	345			316	237							4
5	Grand Manan			6841	102615	17738	35476	810	2025	22640	16980	7244	7244	155724	116793	84	420					5
6	Campo Belle			470	7050	1915	3890	6400	16000	27000	20250	30220	30420	4200	3150							6
7	West Isles			1050	15750	420	840	400	1000	80	60	6000	6000	3240	2430							7
Totals				10298	154470	24913	49886	20532	51330	91332	68199	17954	17954	185032	139224	134	670	150	750			
St. John County.																						
1	St. John Harbour	960	14400	430	6450									3376	2532			1260	6300	58000	58600	1
2	Lepreau to Chance Harbour	450	6750	555	8325					2912	2184											2
3	Chance Harbour to St. John	1880	28200	551	8265	40	80			3280	2460							410	2050	2080	2080	3
4	Mispec to Fynemouth-Creek			326	4890	208	536							120	90							4
5	Fynemouth to Albert County	5	75	250	3750	2	4							72	54							5
Totals		3295	49125	2112	31680	310	620			6192	4644			3568	2676			1670	8350	60080	60080	

*Cwt. =100 liv.

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THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the Counties of Charlotte and St. John, province of New Brunswick, during the year 1912-13—*Concluded.*

Number.	Fishing Districts.	Sardines, brls.	Sardines, value.	Halibut, cwt.	Halibut, value.	Flounders, cwt.	Flounders, value.	Smelt, cwt.	Smelt, value.	Eels, cwt.	Eels, value.	Squid, brls.	Squid, value.	Scallops, brls.	Scallops, value.	Clams, brls.	Clams, value.	Cockles, cwt.	Cockles, value.	Pulley, cwt.	Pulley, value.	Number.	
1	Lepreau to Red Head.....	20970	20970																			1	
2	Red Head to L'Etang.....	13236	13236					50	500					500	750		13950	13950					2
3	L'Etang to St. George.....	58480	58480			40	60	316	3160			12	48				3020	3020					3
4	St. George to St. Stephen.....	72630	72630			110	165	48	480								10685	10685	450	1140			4
5	Grand Manan.....	50366	50366	75	750							100	400				2365	2365			2640	2640	5
6	Campo Bello.....	2100	2100						20			40	160				55	55					6
7	West Isles.....	49000	49000														4000	4000					7
	Totals.....	266782	266782	75	750	150	225	134	2345			152	608	500	750		37175	37175	450	1140	2640	2640	
	St. John County.																						
1	St. John Harbour.....	9000	9000							60	480												1
2	Lepreau to Chance Harbour.....	500	500																				2
3	Chance Harbour to St. John.....	4000	4000																				3
4	Mispec to Tynemouth-Creek.....																						4
5	Tynemouth to Albert County.....																						5
	Totals.....	13500	13500							60	480												

* Cwt. 100 liv.

THE CATCH MARKETING.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, etc., State, for Counties of Charlotte and St. John, Province of New Brunswick, during the year 1912-13.

Number.	Fishing Districts.	Salmon, fresh and frozen, cwt.	Loabsters, shipped in shell, cwt.	Cod, fresh, cwt.	Cod, shipped green-salted, cwt.	Cod, dried, cwt.	Haddock, fresh, cwt.	Haddock, smoked, cwt.	Haddock, dried, cwt.	Hake and Cusk, fresh, cwt.	Hake and Cusk, dried, cwt.	Pollock, fresh, cwt.	Pollock, dried, cwt.	Herring, fresh, cwt.	Herring, smoked, ed, cwt.	Herring, pickled, brls.	Herring, canned, cases.	Herring, used as bait, brls.	Number.
Charlotte County.																			
1	Lepreau to Red Head.		546	45								15	164		620	100	4780	1000	1
2	Red Head to L'Etang.		914	1150	50	500		5760	100		13440							2000	2
3	L'Etang to St George.		307	555	400	230	672			832		1407	856			70		25	3
4	St. George to St. Stephen.		170				430				154			532	71826	770		50	4
5	Grand Manan.		6841	1530	3370	2156	92		238	13340	3090	1040	2180		600			4615	5
6	Campobello.		470	400		516	6400				9000	13000	5640					1500	6
7	West Isles.		1050			140	400			80		3000	1000		120			1500	7
Totals																			
			10298	6680	3820	3542	7994	5760	338	14252	25684	18462	9840	532	73166	940	4780	10690	
Rates.																			
			15	2	4	6	2 50	4 80	3	75	3	1	3 50	75	2	5	4 80	1 50	
Value.																			
			154470	1336	15280	21252	19985	57648	4014	10689	77052	18462	34440	399	146332	4700	22044	16035	
St. John County.																			
1	St. John Harbour.	960	430											788	874	280			1
2	Lepreau to Chance Harbour.	450	555	40							970								2
3	Chance Harbour to St. John.	1880	551	268						280	1000								3
4	Mispec to Tynemouth Creek.	5	326											120					4
5	Tynemouth Creek to Albert county.		250											72					5
Totals																			
		3295	2112	310						280	1970			980	874	280			
Rates.																			
		15	15	2						75	3			.75	2	5			
Values.																			
		\$ 49425	31680	620						210	5910			735	1748	1400			

¹ Cwt. — 100 lbs.

RECAPITULATION

OF the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, etc., State, for **District No. 1, Province of New Brunswick,** during the Year 1912-13.

Kinds of Fish.	Caught and landed in a Green State.		Marketed.		Total Marketed Value.
	Quantity.	Value.	Quantity.	Value.	
		\$		\$	
Salmon.....	cwts.	3,295	49,425	3,295	49,425
" used fresh and frozen.....	"				
Lobsters.....	"	12,410	186,150	12,410	186,150
" shipped in shell.....	"				
Cod.....	"	25,253	50,506	6,990	13,980
" used fresh.....	"			3,820	15,280
" shipped green-salted.....	"			3,512	21,252
" dried.....	"				
Haddock.....	"	20,532	51,330	7,994	19,985
" used fresh.....	"			5,760	27,648
" smoked.....	"			338	1,014
" dried.....	"				
Hake and Cusk.....	"	97,524	73,143	14,532	10,899
" used fresh.....	"			27,654	82,962
" dried.....	"				
Pollock.....	"	47,954	47,954	18,462	18,462
" used fresh.....	"			9,840	31,440
" dried.....	"				
Herring.....	"	189,200	141,900	1,512	1,134
" used fresh.....	"			74,040	148,080
" smoked.....	"			4,780	22,944
" canned kippered.....	cases.			1,220	6,100
" pickled.....	brls.			10,690	16,035
" used as bait.....	"			2,500	2,500
" used as fertilizer.....	"				
Mackerel.....	cwts.	134	670	45	675
" salted.....	brls.				
Shad.....	cwts.	1,820	9,100	1,670	8,350
" used fresh.....	"			50	750
" salted.....	brls.				
Alewives.....	cwts.	60,080	60,080	15,080	15,080
" used fresh.....	"			15,000	75,000
" salted.....	brls.				
Sardines.....	"	280,282	280,282	84,977	424,885
" canned.....	cases.			263,335	263,335
" used fresh and salted.....	brls.				
Halibut.....	cwts.	75	750	75	750
Flounders.....	"	150	225	150	225
Smelts.....	"	434	4,340	434	4,340

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RECAPITULATION

Of the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, etc., State, for District No. 1, Province of New Brunswick, during the Year 1912-13—*Concluded*.

Kinds of Fish.	Caught and landed in a Green State.		Marketed.		Total Marketed Value.
	Quantity.	Value.	Quantity.	Value.	
		\$		\$	\$
Eels.....	60	480	60	480	480
Squid..... brls.	152	608	152	608	608
Scallops.....	500	750	500	750	750
Clams and Quahaugs.....	37,175	37,175			
" " used fresh.....			16,885	16,885	
" " canned..... cases.			20,290	97,392	114,277
Cockles..... cwts.	456	1,140	456	1,140	1,140
Tongues and Sounds.....			331	9,930	9,930
Dulse.....	2,640	2,640	*880	5,280	5,280
Fish Oil..... galls.			28,180	8,454	8,454
Totals.....		998,648			1,612,599

* Dried.

RECAPITULATION

OF the Number of Fishermen, etc., and of the Number and Value of Fishing Vessels,
Boats, Nets, etc., in District No. 1, Province of New Brunswick. for the
Year 1912-13.

	Number.	Value.
Vessels (tonnage, 1,861).....	112	130,550
Boats (sail).....	1,031	48,840
" (gasoline).....	780	216,400
Dip Nets.....	1,122	7,360
Gill Nets.....	2,572	36,750
Seines.....	501	48,130
Smelt Nets.....	40	365
Weirs.....	474	369,300
Trawls.....	337	9,200
Hand Lines.....	2,179	1,824
Lobster Traps.....	26,610	26,310
" Canneries.....	*4	8,500
Sardine ".....	6	369,000
Clam ".....	8	19,200
Freezers and Ice-houses.....	21	108,700
Smoke and Fish-houses.....	743	239,215
Piers and Wharves.....	310	200,850
Pile-drivers and Reels.....	502	18,350
Totals.....		1,858,844
Number of men employed on Vessels and Tugs.....	340	
" " Boats.....	2,326	
Number of persons employed in Fish-houses, Freezers, Canneries, etc.....	1,244	
Total.....	3,910	

*Not operated

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DISTRICT No. 2

QUANTITY AND VALUE OF ALL FISHING GEAR, &c., USED IN THE
FISHING INDUSTRY IN THE COUNTIES OF RESTIGOUCHE, GLOU-
CESTER, NORTHUMBERLAND, KENT, WESTMORLAND, AND
ALBERT.

DISTRICT No. 2.

RETURN showing the Number of Fishermen, &c., the Number and Value of Vessels and Boats, and the Quantity and Value of all Fishing Gear, &c., used in the Fishing Industry in the Counties of Restigouche, Gloucester, Northumberland, Kent, Westmorland and Albert, Province of New Brunswick, during the Year 1912-13.

Number.	Fishing Districts.										Fishing Vessels, Boats, Tugs, &c.										Fishing Gear.			
	Vessels.			Boats.			Tugs, Snacks, &c.				Gill Nets.		Weirs.		Smelt Nets.									
	Number.	Tons.	Value.	Men.	Sail.	Value.	(Gasoline.	Value.	Men.	Number.	Value.	Men.	Number.	Value.	Number.	Value.	Number.	Value.						
<i>Restigouche County.</i>																								
1	1	26	800	5	45	900	2	1500	50	3	300	6	1000	8000			110	5500						
2	1	10	400	3	235	6125	5	1200	370	1	500	2	2500	20000			30	1500						
Totals.			2	36	1200	8	280	7025	7	2700	420	4	800	8	3500	28000		140	7000					
<i>Gloucester County.</i>																								
3	1	11	400	3	450	10000			865				4000	26000			1	50						
4	7	82	3000	28	320	6600	1	400	650	10	1500	25	4200	23000			54	3300						
5	136	2360	68000	533	360	9800	1	350	730	6	500	15	3100	20000			80	4000						
6	49	746	32700	236	380	27000	6	1800	870				3000	18000			90	6700						
7	24	292	11000	98	310	10000	6	4000	600	2	3000	6	5100	30000			209	10160						
Totals.			217	3491	115100	898	1820	63400	14	7150	3715	18	5000	46	19400	117000		434	24210					
<i>Northumberland County.</i>																								
8	3	33	1200	10	280	8000	4	1200	500				5000	30000			226	16000						
9	3	33	1500	8	160	3420	2	2200	240	1	3000	3	4000	25000			580	40000						
10	6	65	2500	20	220	4500	6	4500	350	12	2500	30	6000	50000			420	36500						
11					150	2500	2	1000	175				2000	13000										
Totals.			12	131	5200	38	810	18420	14	8900	1265	13	5500	33	17000	118000		1226	92500					

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the Counties of Restigouche, Gloucester, Northumberland, Kent, Westmorland and Albert, Province of New Brunswick, during the year 1912-13.

Number.	Fishing Districts.	Salmon, cwts.*	Salmon, value.	Lobsters, cwts	Lobsters, value.	Cod, cwts.	Cod, value.	Haddock, cwts.	Haddock, value.	Hake and Cusk, cwts.	Hake and Cusk, value.	Pollock, cwts.	Pollock, value.	Number.
	<i>Restigouche County.</i>		\$		\$		\$		\$		\$			
1	Above Dalhousie.....	1009	15135											1
2	Below Dalhousie.....	1320	19800	627	3135	1910	2865			30	30			2
	Totals.....	2329	34935	627	3135	1910	2865			30	30			
	<i>Gloucester County.</i>													
3	Beresford, &c.....	976	14640	830	4150	9400	14100							3
4	Bathurst, &c.....	934	14010	2860	14300	28478	42717							4
5	Caraquet, &c.....			1980	9900	95000	142500	1500	1500	3000	3000			5
6	Shippigan & Miscou Island.....			15750	78750	51000	76500	384	384	870	870			6
7	Inkerman, Tracadie, &c....	454	6810	5932	29660	27000	40500							7
	Totals.....	2364	35460	27352	136760	210878	316317	1884	1884	3870	3870			
	<i>Northumberland County.</i>													
8	Neguac, &c.....	540	8100	5065	25325	1790	2685			480	480			8
9	Chatham, &c.....	1169	17535			140	210							9
10	Baie du Vin, &c.....	2040	30600	3632	18160	240	360							10
11	Miramichi River S. W. and N.W., &c.....	575	8625											11
	Totals.	4324	64860	8697	43485	2170	3255			480	480			
	<i>Kent County.</i>													
12	Richibucto, &c.....	751	11265	10275	51375	2690	4035	231	231	5900	5900			12
13	Buctouche, &c.....			5900	25000	180	270							13
14	Cocagne, &c.....			2876	14380	140	210							14
	Totals.....	751	11265	18151	90755	3010	4515	231	231	5900	5900			
	<i>Westmorland County.</i>													
15	Shediac, &c.....	48	720	6216	31080	300	450					230	230	15
16	Botsford.....			10600	53000	100	150							16
17	Sackville & Westmorland.....	18	270			75	112							17
18	Dorchester.....	130	1950			150	225							18
	Totals.....	196	2940	16816	84080	625	937					230	230	
19	Albert County.....	40	600	125	625	90	135							19
	Grand totals.	1004	150060	71768	358840	2,8683	328024	2115	2115	10280	10280	230	230	

*Cwt. = 100 lbs.

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THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the Counties of Restigouche, Gloucester, Northumberland, Kent, Westmorland and Albert, Province of New Brunswick, during the year 1912-13—Continued.

Number.	Fishing Districts.	Herring, cwts.	Herring, value.	Mackerel, cwts.	Mackerel, value.	Shad, cwts.	Shad, value.	Alewives, cwts.	Alewives, value.	Halibut, cwts.	Halibut, value.	Flounders, cwts.	Flounders, value.	Number.
	<i>Restigouche County.</i>		\$		\$		\$		\$		\$		\$	
1	Above Dalhousie.....											500	750	1
2	Below Dalhousie.....	8320	4992			10	80					300	450	2
	Totals.....	8320	4992			10	80					800	1200	
	<i>Gloucester County.</i>													
3	Beresford, &c.....	44470	26682	20	140					20	160	80	120	3
4	Bathurst, &c.....	20622	12373	14	98					15	120	120	180	4
5	Caraquet, &c.....	58600	28160	360	2520					200	1600			5
6	Shippigan & Miscou Island.	73100	43860	350	2450					180	1440	100	150	6
7	Inkerman, Tracadie, &c....	45500	27300	495	3495			3800	2280	160	1280	70	105	7
	Totals.....	242292	138375	1239	8673			3800	2280	575	4600	370	555	
	<i>Northumberland County.</i>													
8	Neguac, &c.....	18400	11040	190	1330	80	640	600	360					8
9	Chatham, &c.....	65	39	450	3150	492	3936	650	390			576	864	9
10	Bay du Vin, &c.....	12200	7320	1590	11130	80	640	1860	1116					10
11	S.W. & N.W. Miramichi Rivers.....					200	1600	4500	2700					11
	Totals.....	30665	18399	2230	15610	852	6816	7610	4566			576	864	
	<i>Kent County.</i>													
12	Richibucto, &c.....	30975	18445	1880	13160	184	1472	4230	2538	5	40	362	543	12
13	Buctouche, &c.....	37800	22680	317	2219			1520	912			36	54	13
14	Cocagne, &c.....	46780	28068	80	560			250	150					14
	Totals.....	115555	69333	2277	15939	184	1472	6000	3600	5	40	398	597	
	<i>Westmorland County.</i>													
15	Shediac, &c.....	90360	54216	235	1645			425	255			120	180	15
16	Botsford.....	49400	29640	20	140			250	150					16
17	Sackville and Westmorland	28400	17040			118	944	500	300					17
18	Dorchester.....	150	90			945	7560							18
	Totals.....	168310	100986	255	1785	1063	8504	1175	705			120	180	
19	<i>Albert County</i>	340	204	9	63	90	720							19
	Grand totals.	565482	339289	6010	42070	2199	17592	18585	11151	580	4640	2264	3396	

*Cwt. = 100 lbs.

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the Counties of Restigouche, Gloucester, Northumberland, Kent, Westmorland and Albert, Province of New Brunswick, during the year 1912-13—*Continued.*

Number.	Fishing Districts.	Smelts, cwts.	Smelts, value.	Trout, cwts.	Trout, value.	Sturgeon, cwts.	Sturgeon, value.	Bass, cwts.	Bass, value.	Eels, cwts.	Eels, value.	Tom-cod, cwts.	Number.
	<i>Restigouche County.</i>		\$		\$		\$		\$		\$		
1	Above Dalhousie.	3930	23580	120	960					10	60	120	1
2	Below Dalhousie.	820	4920	20	160			10	100	40	240	50	2
	Totals.....	4750	28500	140	1120			10	100	50	300	170	
	<i>Gloucester County.</i>												
3	Beresford, &c.....	20	120	30	240			10	100	20	120	100	3
4	Bathurst, &c.	560	3360	40	320			15	150	30	180	3200	4
5	Caraquet, &c.....	2400	14400	20	160			26	260	125	750	100	5
6	Shippigan & Miscou Island.	2720	16320	10	80			35	350	48	288		6
7	Inkerman, Tracadie, &c.....	4600	27600	80	640			375	3750	600	3600	120	7
	Totals.....	10300	61800	180	1440			461	4610	823	4938	3520	
	<i>Northumberland County.</i>												
8	Neguac, &c.	7030	42180	40	320			70	700	171	1026	1000	8
9	Chatham, &c.....	15550	93300	30	240			60	600	10	60	14150	9
10	Baie-du-Vin, &c.....	13920	83520	125	1000			290	2900	30	180	530	10
11	N.W., & S.W., Miramichi, River.....	200	1200	220	1760			260	2600	360	2160	300	11
	Totals.	36700	220200	415	3320			680	6800	571	3426	15980	
	<i>Kent County.</i>												
12	Richibucto, &c... ..	5616	33696	20	232			485	4850	130	780	150	12
13	Buctouche, &c.....	8900	53400	40	320			45	450	200	1200	60	13
14	Cocagne, &c.....	2840	17040	35	280			35	350	85	510	20	14
	Totals.....	17356	104136	104	832			565	5650	415	2490	230	
	<i>Westmorland County.</i>												
15	Shediac, &c.	6498	38988	125	1000			80	800	80	480	20	15
16	Botsford.....	3400	20400	60	480			20	200	250	1500	20	16
17	Sackville & Westmorland ..	850	5100	40	320			20	200	50	300	20	17
18	Dorchester... ..			25	200	55	275			20	120	50	18
	Totals.....	10748	64488	250	2000	55	275	120	1200	400	2400	110	
19	Albert County.....			115	920	3	15	10	100	40	240	50	19
	Grand totals.....	79854	479124	1204	9632	58	290	1846	18460	2299	13794	20000	

*Cwt. = 100 lbs.

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THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the Counties of Restigouche, Gloucester, Northumberland, Kent, Westmorland and Albert, Province of New Brunswick, during the year 1912-13—*Concluded.*

Number.	Fishing Districts.	Tom-cod, value.	Mixed Fish, cwts.	Mixed Fish, value.	Oysters, brls.	Oysters, value.	Clams, brls.	Clams, value.	Quahags, brls.	Quahags, value.	Cockles, crabs, &c., cwts.	Cockles, crabs, &c., value.	Number.
<i>Restigouche County.</i>		\$		\$		\$		\$		\$		\$	
1	Above Dalhousie..	180	40	20	...	...	10	20	...	...	...	...	1
2	Below Dalhousie.....	75	40	20	...	...	25	50	...	...	...	...	2
	Totals.....	255	80	40	...	...	35	70	...	...	...	...
<i>Gloucester County.</i>													
3	Beresford, &c.....	150	...	...	...	...	215	430	...	...	...	...	3
4	Bathurst, &c.....	4800	10	5	80	400	40	80	...	...	...	...	4
5	Caraquet, &c.....	150	...	...	350	1750	1000	2000	...	...	...	...	5
6	Shippigan & Miscou.. Island.	...	...	...	13	65	1200	2400	...	...	...	...	6
7	Inkerman, Tracadie, &c ..	180	...	...	20	100	6000	12000	...	...	...	...	7
	Totals	5280	10	5	463	2315	8455	16910	...	...	...	...
<i>Northumberland County.</i>													
8	Neguac, &c	1500	...	...	2000	10000	1060	2120	...	...	...	...	8
9	Chatham, &c.....	21225	...	...	600	3000	...	...	...	...	...	...	9
10	Baie-du-Vin, &c	795	...	...	2860	14300	100	200	...	...	...	...	10
11	S.W., & N.W., Miramichi River, &c.	450	...	...	...	...	...	...	...	...	...	...
	Totals.....	23970	...	...	5460	27300	1160	2320	...	...	...	...	11
<i>Kent County.</i>													
12	Richibucto, &c.....	225	90	45	97	485	43	86	...	...	60	60	12
13	Buctouche, &c.....	90	...	...	1278	6390	150	300	4350	8700	...	...	13
14	Cocagne, &c.....	30	...	...	850	4250	100	200	5510	11020	300	300	14
	Totals.....	345	90	45	2225	11125	293	586	9860	19720	300	360	
<i>Westmorland County.</i>													
15	Shediac, &c.....	30	...	...	1021	5105	...	...	2445	4890	...	...	15
16	Botsford.....	30	...	...	45	225	50	100	60	120	...	...	16
17	Sackville & Westmorland....	30	...	...	25	125	26	52	...	...	...	...	17
18	Dorchester	75	...	...	...	...	26	40	...	...	...	...	18
	Totals.....	165	...	...	1091	5455	96	192	2505	5010	...	...
19	<i>Albert County.</i>	75	...	...	...	...	12	24	...	...	...	...	19
	Grand totals.....	30090	180	90	9239	46195	10051	20102	12365	24730	360	360	

*Cwt. = 100 lbs.

THE CATCH MARKETING.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., State, for the Counties of Restigouche, Gloucester, Northumberland, Kent, Westmorland and Albert, Province of New Brunswick, during the year 1912-13.

Number.	Fishing Districts.	Salmon, fresh and frozen, *cwts.	Salmon, canned, cases.	Lobsters, canned, cases.	Lobsters, shipped in shell, cwts.	Cod, fresh, cwts.	Cod, shipped green-salted, cwts.	Cod, dried, cwts.	Haddock, fresh, cwts.	Haddock, dried, cwts.	Hake and Cusk, fresh, cwts.	Hake and Cusk, dried, cwts.	Pollock, fresh, cwts	Herring, fresh, cwts	Herring, smoked, cwts.	Herring, pickled, brls.	Herring, used as bait, brls.	Herring, used as fertilizer, brls.	Mackerel, fresh, cwts.	Mackerel, salted, brls.	Number.
<i>Restigouche County.</i>																					
1	Above Dalhousie	1009	.....	227	60	70	20	600	.....	.....	30	.....	.....	140	460	1720	350	700	.....	.....	1
2	Below Dalhousie.	1320	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Totals.....																					
Values.....\$																					
<i>Gloucester County.</i>																					
3	Beresford, &c.	976	.....	287	113	206	787	2540	.....	.....	.....	.....	.....	270	.....	4600	200	15000	20	.....	3
4	Bathurst, &c.	934	.....	1124	50	9980	5130	2746	.....	.....	.....	.....	.....	7252	.....	750	720	4840	14	.....	4
5	Caraguet, &c	.....	.....	780	30	500	1500	30500	.....	500	.....	1000	.....	2000	.....	4600	1700	19700	360	.....	5
6	Shippigan and Miscou Island.	.....	.....	6282	45	700	1000	16100	.....	128	.....	290	.....	5000	.....	8500	6040	15260	350	.....	6
7	Inkerman, Tracadie, &c	454	.....	2353	50	500	500	8500	.....	.....	.....	.....	.....	500	.....	6000	5000	8500	495	.....	7
Totals.....																					
Values.....\$																					
<i>Northumberland County.</i>																					
8	Negunac, &c.....	540	.....	2006	50	49	80	527	.....	.....	.....	160	.....	1000	.....	1800	4000	2000	190	.....	8
9	Chatham, &c.....	1169	.....	.....	.....	10	65	.....	.....	.....	.....	.....	.....	15	.....	.....	25	.....	450	.....	9
10	Baie du Vin, &c.....	2040	.....	1441	30	20	110	.....	.....	.....	.....	.....	.....	1000	.....	1600	1600	1600	1590	.....	10
11	South West & N. W. Miramichi River.....	575	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11
Totals.....																					
Values.....\$																					
77832																					

THE CATCH MARKETED.
RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., State, for the Counties of Restigouche, Gloucester, Northumberland, Kent, Westmorland and Albert, Province of New Brunswick, during the year 1913-14.

Number.	Fishing Districts.	Shad, fresh, cwts.	Shad, salted, bls.	Alewives, fresh, cwts.	Alewives, salted, cwts.	Halibut, fresh, cwts.	Flounders, fresh, cwts.	Smelts, fresh, cwts.	Trout, fresh, cwts.	Sturgeon, fresh, cwts.	Base, fresh, cwts.	Eels, fresh, cwts.	Tom-cod, fresh, cwts.	Mixed fish, fresh, cwts.	Oysters, fresh, bls.	Clams and quahaugs, fresh, bls.	Clams and quahaugs, canned, cases.	Crabs, cockles and other shell fish, cwts.	Fish oil, gals.	Total value, \$	Number.
<i>Restigouche County.</i>																					
1	Above Dalhousie.						500	3930	120			10	120	40		10					1
2	Below Dalhousie	10					300	820	20		10	40	50	40		25					2
	Totals.	10					800	4750	140		10	50	170	80		35					
	Values.	100					1600	47500	1400		120	400	340	80		105				109,786	
<i>Gloucester County.</i>																					
3	Beresford, &c.						80	20	30		10	20	100			215			250		3
4	Bathurst, &c.						120	560	40		15	30	3200	10		40			420		4
5	Caraguet, &c.							2400	20		26	125	100			1000			10800		5
6	Shippagan and Miscou Islds						100	2720	10		35	48				1200			8100		6
7	Inkerman, Tracadie, &c.			200	1200	100	70	4600	80		375	600	120			200	5800		2900		7
	Totals.			200	1200	575	370	10300	180		461	823	3520	10	403	2655	5800		22470		
	Values.			200	3600	5750	740	103000	1800		5532	6584	7040	10	2778	7965	29000		6741	944,333	
<i>Northumberland County.</i>																					
8	Neguac, &c.	80			200			7030	40		70	171	1000			1060			220		8
9	Chatham, &c.	492		20	210		576	15550	30		60	10	14150			600					9
10	Bele du Vin, &c.	80		60	600			13920	125		200	30	530			100					10
11	South W. and North W., Miramich, River.	200		300	1400			200	220		260	360	300								11
	Totals	852		380	2410		576	56700	415		680	571	15980		5460	1160			220		
	Value	8520		380	7230		1152	567000	4150		8160	4568	31960		32760	3480			66	658,448	

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Kent County.															12		
12 Richibucto, &c.....	184	75	1385	5	362	5616	29	485	130	150	90	97	43		700	
13 Buetoche, &c.....	20	500	36	8900	40	45	200	60	1278	4500			100
14 Cocagne, &c	10	80	2840	35	35	85	20	850	5610				40
Totals	184	....	105	1965	5	398	17356	104	565	415	230	90	2225	10153	840	
Value.....\$	1840	105	5895	50	796	173560	1010	6780	3320	460	90	12350	30459		252	
Westmorland County.																	492,231
15 Shediac, &c	50	125	120	6498	125	80	80	20	1021	329				150
16 Botsford.....	....	....	40	70	....	....	3400	60	20	250	20	....	45	110	....	
18 Sackville and Westmor-	58	20	50	150	850	40	20	50	20	25	20		
land.....	145	267	25	55	20	50	20		
17 Dorchester			
Totals.....	203	287	140	345	....	120	10748	250	55	120	110	....	1091	3451	150
Value.....\$	2030	4305	140	1035	240	107480	2500	275	1440	920	6546	7355		750	
Albert County.....																	401889
....	90	115	3	10	40	50	12			
Values	\$ 900	....	....	....	....	....	....	1150	15	120	320	100	....	36	....	
Rates..... \$	10	15	1	3	10	2	10	10	5	12	8	2	1	6		5	
....			1.25
....			
....		

Grand total value..... \$2,611,333.

4 GEORGE V., A. 1914

RECAPITULATION.

Of the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, &c., state, for District No. 2, Province of New Brunswick, during the Year 1912-13.

Kinds of Fish.	Caught and Landed in a Green State.		Marketed.		Total Marketed Value.
	Quantity.	Value.	Quantity.	Value.	
		\$		\$	\$
Salmon..... cwts.	10,004	150,060			
" used fresh and frozen..... "			10,004	180,072	180,072
Lobsters..... "	71,768	338,840			
" canned..... cases			28,305	481,135	
" shipped in shell..... cwts			1,008	5,040	486,225
Cod..... "	218,683	328,024			
" used fresh..... "			13,002	26,004	
" shipped green-salted..... "			10,262	30,786	
" dried..... "			61,729	308,595	365,385
Haddock..... "	2,115	2,115			
" dried..... "			705	2,115	2,115
Hake and Cusk..... "	10,280	10,280			
" dried..... "			30	45	
			3,417	10,251	10,296
Pollock..... "	230	230			
" used fresh..... "			230	345	345
Herring..... "	565,482	339,289			
" used fresh..... "			30,227	30,227	
" smoked..... "			19,510	39,020	
" pickled..... brls.			56,228	224,912	
" used as bait..... "			50,335	75,503	
" used as fertilizer..... "			113,440	56,720	426,382
Mackerel..... cwts.	6,010	42,060			
" used fresh..... "			6,010	60,100	60,100
Shad..... cwts.	2,199	17,592			
" used fresh..... "			1,339	13,390	
" salted..... brls.			287	4,305	17,695
Alewives..... cwts.	18,585	11,151			
" used fresh..... "			825	825	
" salted..... brls.			5,920	17,760	18,585
Halibut..... cwts.	580	4,640	580		5,800
Flounders..... "	2,264	3,396	2,264		4,528
Smelts..... "	79,854	479,124	79,854		798,540
Trout..... "	1,204	9,682	1,204		12,040
Sturgeon..... "	58	290	58		290
Bass..... "	1,846	18,460	1,846		22,152
Eels..... "	2,299	13,794	2,299		18,392
Tom-cod..... "	20,060	30,090	20,060		40,120
Mixed Fish..... "	180	90	180		180
Oysters..... "	9,239	46,195	9,239		55,434
Clams and Quahaugs..... "	22,416	44,832			
" used fresh..... "			16,466	49,398	
" canned..... cases.			5,950	29,750	79,148
Crabs, Cockles, and other shell fish..... cwts.	360	360	360		450
Fish Oil..... gals.			23,530		7,059
Totals.....		1,910,554			2,611,333

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RECAPITULATION

Of the Number of Fishermen, etc., and of the Number and Value of Fishing Vessels, Boats, Nets, etc., in **District No. 2, Province of New Brunswick**, for the Year 1912-13.

	Number.	Value.
		\$
Vessels (tonnage 3,880).....	251	130,300
Boats (sail).....	5,422	173,005
" (gasoline).....	266	89,750
Tugs, Smacks, etc.....	43	17,900
Gill Nets.....	53,672	344,274
Trap and Smelt Nets.....	2,799	171,430
Weirs	9	900
Trawls.....	413	3,088
Hand Lines	6,100	4,053
Lobster Traps.....	28,610	258,610
" Canneries.....	194	153,775
Clam	2	3,400
Freezers and Ice-houses	191	114,900
Smoke and Fish-houses.....	450	56,425
Piers and Wharves.....	51	27,500
		1,549,310

Number of men employed on Vessels and Tugs.....	1,105
" " Boats	10,246
" persons employed in Fish houses, Freezers, Canneries, &c.	5,487
Total	16,838

DISTRICT No. 3, (Inland).
Return showing the Number of Fishermen, etc., the Number and Value of Tugs, Vessels and Boats, and the Quantity and Value of all Fishing Gear and other Material used in the Fishing Industry in the Counties of **Kings, Queens, Sunbury, York, Carleton, Victoria and Madawaska**, Province of **New Brunswick**, during the Year 1912-13.

Number.	Fishing Districts.	Boats.				Gill Nets.		Eel Traps.		Hoop Nets.		Rods and Lines.		Freezers and Ice-houses.		Smoke and Fish-houses.		Number.
		Sail.	Value.	Gasoline.	Value.	Men.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	
			\$		\$			\$		\$		\$		\$		\$		
<i>County of Kings.</i>																		
1	St. John River District	35	700	3	600	40	125	2500	10	20		50	100			10	100	1
2	Kennebecasis River District	32	320			20	120	1440	25	50		397	495			25	250	2
3	Belleisle Bay and River District	19	190			20	40	480				60	120					3
	Totals	86	1210	3	600	80	285	4420	35	70		507	715			35	350	
<i>County of Queens.</i>																		
4	Northeastern Section	64	704	2	375	114	270	2160				100	250			46	368	4
5	Southwestern Section	90	900	3	810	100	250	2000				50	100	5	50	20	200	5
	Totals	154	1604	5	1185	214	520	4160				150	350	5	50	66	568	
6	Sunbury County, in all	47	470	3	450	50	400	4000	25	25		50	100			15	150	6
<i>County of York.</i>																		
7	St. John River District	90	900	10	600	90	110	2200				275	600					7
8	St. Croix, Magaguadavic & Oromocto waters	110	1800	18	7000	125						500	1000					8
9	Southwest Miramichi waters	25	250			25	15	150				125	250					9
	Totals	225	2950	28	7600	240	125	2350				900	1850					
<i>County of Carleton.</i>																		
10	St. John River and Westward	50	300			50	35	525				100	200					10
11	East of St. John River	10	100			10						50	200					11
	Totals	60	400			60	35	525				150	400					

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		12		13		14		15	
<i>County of Victoria.</i>									
12	St. John River District	11	198
13	Tobique River and Lakes	30	600
12	Totals	41	798	.....	.....	.....	.....	.....	.....
13									
<i>County of Madawaska.</i>									
14	Madawaska River and Eastward	120	840	.....	.....	.....	.....	.....	.....
15	West of Madawaska River	50	350	.....	.....	.....	.....	.....	.....
	Totals	170	1190	.....	.....	.....	.....	.....	.....

RETURN showing the Quantities and Values of all Fish caught and marketed or consumed locally, for the Counties of Kings, Queens
Sunbury, York, Carleton, Victoria and Madawaska, Province of New Brunswick, during the Year
1912-13--Continued.

Number.	Fishing Districts.	Eels, cwts.	Eels, value.	P perch, cwts.	P perch, value.	Alewives, cwts.	Alewives, value.	Shad, cwts.	Shad, value.	Mixed fish, cwts.	Mixed fish, value.	Caviare, cwts.	Caviare, value.	Number.
<i>Kings County.</i>														
1	St. John River district.....	10	50	.....	.....	130	200	45	450	30	30	1	100	1
2	Kennebecasis River district.....	65	325	40	160	700	1050	93	930	40	40	.....	.....	2
3	Belleisle Bay and River district.....	.....	.....	.....	.....	28	42	8	80	18	18	.....	.....	3
	Totals.....	75	395	40	160	888	1332	146	1460	88	88	1	100	.....
<i>Queens County.</i>														
4	Northeastern Section.....	.....	.....	.....	.....	558	837	195	1950	32	32	.....	.....	4
5	Southwestern Section.....	.....	.....	.....	.....	1000	1500	296	2960	50	50	.....	.....	5
	Totals.....	.....	.....	.....	.....	1558	2337	491	4910	82	82	.....	.....	.....
6	Sunbury County, in all.....	10	50	.....	.....	3340	5010	20	200	60	60	.....	.....	6
<i>York County.</i>														
7	St. John River district.....	.....	.....	.....	.....	25	38	50	500	5	5	.....	.....	7
8	St Croix, Magaguadavic and Oromocto waters.....	.....	.....	5	20	35	52	.....	.....	10	10	.....	.....	8
9	Southwest Miramichi waters.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2	.....	.....	9
	Totals.....	.....	.....	5	20	60	90	50	500	17	17	.....	.....	.....
<i>Carleton County.</i>														
10	St. John River and Westward.....	6	60	15	15	10
11	East of St. John River.....	10	10	11
	Totals.....	6	60	25	25

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<i>Victoria County.</i>									
12 St. John River district..	80	16	80	8	80	15	15	12	13
13 Tobique River and Lakes ..	80	16	80	8	80	10	10	10	10
Totals...	80	16	80	8	80	25	25	25	25
<i>Madawaska County.</i>									
14 Madawaska River and Eastward	80	16	80	8	80	20	20	14	14
15 West of Madawaska River.....	80	16	80	8	80	10	10	10	10
Totals.....	80	16	80	8	80	30	30	30	30

RECAPITULATION

Of the Yield and Value of the Fisheries in District No. 3, Province of New Brunswick, during the Year 1912-13.

Quantity consumed in Canada.	Quantity consumed in U.S.A.	Kinds of Fish.	Quantity.	Price.	Value.
				\$ cts.	\$
558	20	Salmon..... *Cwts.	578	15 00	8,670
574		Trout..... "	574	10 00	5,740
15		Whitefish..... "	15	15 00	225
25		Bass..... "	25	10 00	250
260	637	Pickarel..... "	897	8 00	7,176
	92	Sturgeon..... "	92	10 00	920
16	85	Eels..... "	101	5 00	505
25	20	Perch..... "	45	4 00	180
5,361	485	Maskinongé..... "	5,846	1 50	8,769
521		Shad (fresh)..... "	521	10 00	5,210
100		" (salted)..... brls.	100	20 00	2,000
327		Mixed Fish†..... Cwts.	327	1 00	327
... ..	1	Caviare..... "	1	100 00	150
		Totals			40,132

*Cwts =100 lbs. † "Mixed Fish" includes catfish, greyling, bullheads and goldey s.

RECAPITULATION

Of the Number and Value of Boats, Nets, Traps, &c., used in the Fisheries, in District No. 3, Province of New Brunswick, during the Year 1912-13.

	Number.	Value.
		\$
Boats (gasoline).....	41	10,075
" (sail).....	783	8,622
Gill-nets.....	1,370	14,505
Eel Traps.....	60	100
Lines.....	2,292	4,675
Freezers and Ice-houses.....	10	550
Smoke and Fish-houses.....	116	1,068
Lodges built and used by native and foreign sport fishermen.....	53	61,150
		100,745

Number of men employed on Boats..... 932

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RECAPITULATION

Of the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state, for whole of New Brunswick, during the Year 1912-1913.

Kinds of Fish.	Sea Fisheries.				Inland Fisheries.		Total, both Fisheries.		Total Marketed Value.
	Caught and landed in a Green State.		Marketed.		Marketed.		Marketed.		
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	
		\$		\$		\$		\$	
Salmon..... cwts.	13299	199485							
" used fr. and froz. "			13299	229497	578	8,670	13877	238167	238167
Lobsters..... cwts.	84178	544990							
" canned..... cases.			28305	481185			28305	481185	
ship. in shell. cwts.			13418	191190			13418	191190	672375
Cod..... cwts.	243936	378530							
" used fresh..... "			19992	39984			19992	39984	
" shipp. gr.-salted. "			14082	46066			14082	46066	
" dried..... "			65261	329847			65261	329847	415897
Haddock..... "	22647	53445							
" used fresh..... "			7994	19985			7994	19985	
" smoked..... "			5760	27648			5760	27648	
" dried..... "			1043	3129			1043	3129	50762
Hake and Cusk "	107804	83423							
" used fresh..... "			14562	10944			14562	10944	
" dried..... "			31091	93213			31071	93213	104157
Pollock..... "	48184	48184							
" used fresh.... "			18692	18807			18692	18807	
" dried..... "			9840	34440			9840	34440	53247
Herring..... "	754682	481189							
" used fresh.... "			31739	31361			31739	31361	
" smoked..... "			98330	210044			98330	210044	
" pickled..... brls.			57448	231012			57458	231012	
" used as bait. "			61025	91538			61025	91538	
" used as fertil.. "			115940	59220			115940	59220	623175
Mackerel..... cwts.	6144	42740							
" used fresh.... "			6010	60100			6010	60100	
" salted..... brls.			45	675			45	685	60775
Shad..... cwts.	4019	26692							
" used fresh..... "			3009	21740	521	5,210	3530	26950	
" salted..... brls.			337	5055	100	2,000	437	7055	34005
Alewives..... cwts.	78665	71231							
" used fresh.... "			15905	15905	5846	8,769	21751	24674	
" salted..... brls.			20920	92760			20920	92760	117434
Sardines..... "	280282	280282							
" canned..... cases			84977	424885			84977	424885	
" used fresh. .brls.			263335	26335			263335	263335	688220
Halibut..... cwts.	655	5390	655	6550			655		6550
Flounders..... "	2414	3621	2414	4753			2414		4753
Smelts..... "	80288	483464	80288	802880			80288		802880

RECAPITULATION

Of the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state, for whole of New Brunswick, during the Year 1912-1913.—*Concluded.*

Kinds of Fish.	Sea Fisheries.				Inland Fisheries.		Total, both Fisheries.		Total Marketed Value.
	Caught and landed in a Green State.		Marketed.		Marketed.		Marketed.		
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	
		\$		\$		\$		\$	
Trout .....cwts.	1204	9632	1204	12040	574	5,740	1778		17780
Whitefish					15	225	15		225
Pickarel					897	7,176	897		7176
Sturgeon.....	58	290	58	290	92	920	150		1210
Bass	1846	18460	1846	22152	25	250	1871		22402
Eels.....	2359	14274	2359	18872	101	505	2460		19377
Tom cod.....	20060	30090	20060	40120			20060		40120
Perch.....					45	180	45		180
Mixed Fish	180	90	180	180	327	327	507		507
Squid brls.	152	608	152	608			152		608
Oysters.....	9239	46195	9239	55434			9239		55434
Clams and Quahaugs ..	59591	82007							
" used fresh. "			33351	66283			33351	66283	
" canned ..cases.			26240	127142			26240	127142	
Dulse, Crabs, Cockles and othershell fish.cwts	3956	4890	*2196	7620			*2196		193425
Tongues and Scunds. "			331	9930			331		7620
Caviare (Sturg. Roe) "					1	150	1		9930
Fish Oilgals.			51710	15513			51710		150
		2909202		4223932		40122			15713
									4264054

*The Dulse included is dried.

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RECAPITULATION

Of the Number of Fishermen, &c., and of the Number and Value of Fishing Vessels Boats, Nets, &c., in the whole of New Brunswick, for the Year 1912-13.

	Sea Fisheries.		Inland Fisheries.		Total Both Fisheries	
	Number.	Value.	Number.	Value.	Number.	Value.
		\$		\$		\$
Vessels (tonnage 5741).....	363	260,850	.....	.....	363	260,850
Boats (sail).....	7,053	221,845	783	8,622	7,836	230,467
" (gasoline)	1,046	306,150	41	10,075	1,087	316,225
Tugs, smacks, &c.....	43	17,900	.....	.....	43	17,900
Dip nets	1,122	7,360	.....	.....	1,122	7,360
Gill nets.....	56,244	381,024	1,370	14,505	57,614	395,529
Seines.....	501	48,130	.....	.....	501	48,130
Trap and smelt nets	2,839	171,795	.....	.....	2,839	171,795
Bel traps.....	.....	.....	60	100	60	100
Weirs	483	370,200	.....	.....	483	370,200
Trawls.....	750	12,238	.....	.....	750	12,238
Hand lines	8,279	5,877	2,292	4,675	10,571	10,552
Lobster traps	285,220	284,920	.....	.....	285,220	284,920
" canneries.....	198	162,275	.....	.....	198	162,275
Sardine "	6	369,000	.....	.....	6	369,000
Clam "	10	22,600	.....	.....	10	22,600
Freezers and ice-houses.....	212	223,600	10	550	222	224,150
Smoke and fish-houses.....	1,193	295,640	116	1,068	1,309	296,708
Piers and wharves	361	228,350	.....	.....	361	228,350
Pile drivers and reels.....	502	18,350	.....	.....	502	18,350
Fishing huts and cottages.....	.....	.....	53	61,150	53	61,150
Totals .....	.....	3,408,154	.....	100,745	.....	3,508,899

	Sea Fisheries.	Inland Fisheries.	Totals.
Number of men employed on vessels and tugs.....	1,440	.....	1,440
" " boats.....	12,572	932	13,504
" persons employed in fish-houses, freezers, canneries, &c.....	6,731	.....	6,731
	20,743	932	21,675

APPENDIX No. 5.**PRINCE EDWARD ISLAND.****REPORT ON THE FISHERIES OF THE PROVINCE.**

To the Superintendent of fisheries,
Ottawa.

SIR,—I have the honour to submit my annual report on the fisheries of the province of Prince Edward Island for the year 1912-13; together with statistics showing the catch in detail in each county and locality.

I have to report a very large increase in the number of gasoline boats for the season, over 200 more than for the previous year. Fishermen almost decline to prosecute the industry if not provided with them.

I am pleased to report an increase of \$173,510 in the value of the fisheries over that for the preceeding year.

LOBSTERS.

I have to report an increase in the value of lobsters packed of \$159,276. Owing to the exceptionally clear and calm weather during the season, no fishing gear was destroyed.

The price paid to fishermen being higher than in former years, made it profitable for them, and more particularly to fishermen on the north side of the Island. The lobster fishing on the south side has been falling off for sometime, and fishermen attribute the shortage to the large number of traps set on the New Brunswick side.

OYSTERS.

Although the oyster season was very rough and the number of days that fishermen could prosecute this branch reduced, the catch was about equal to last season, and the beds well stocked with small oysters.

COD.

I have to report a decrease of \$13,664 in the value of this fishery. Codfishing in Kings County was practically a total failure. The total catch was only about one third of the usual one.

HAKE.

The hake fishing shows an increase of \$22,511, more than double the value for the previous year; this may be attributed to the plentiful supply of fresh bait, for with sufficient supply of bait good catches are almost assured.

HERRING.

The catch of herring was considerably in excess of the previous year. Enough were secured for baiting purposes and enabled fishermen to successfully prosecute other fisheries.

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MACKEREL.

The catch of mackerel was about the same as in 1911. The fish were quite large in size but did not school in any large bodies as in former years.

SMELTS.

The weather conditions were so mild that no ice formed to enable fishermen to set their nets until the season was well advanced. The season's catch was small but somewhat in excess of previous years.

QUAHAUGS.

The catch of quahaugs is yearly becoming smaller. This year shows a decreased value of \$12,432, and it almost appears as if the end of this fishery were not far distant.

SYNOPSIS OF REPORT FROM OVERSEER KEAYS, OF KINGS COUNTY.

LOBSTERS.

There was a substantial increase in the lobster fishery in this county over previous years, due chiefly to fine weather and abundance of bait.

COD.

Was practically a failure in this county. The total catch was about one third of last year, although there was much more preparation made by fishermen than previously.

The spring school did not strike the coast, and the fishermen give as a reason that ice left the gulf so early that it permitted the Nova Scotia and American codfishing fleet to get down to cape North in time to break up the school of fish, consequently very few visited our coast.

HAKE.

Hake was about the average, due chiefly to the good supply of fresh bait procured from fish traps in this district.

SMELTS.

The weather was so mild that no ice formed until the season was well advanced to enable fishermen to set their bagnets and consequently the catch was small.

The close seasons were well observed by packers and fishermen. There were some reports of illegal packing from the southern part of the county, but I was unable to obtain facts to warrant prosecution.

The weather was fair during the season, and no loss of life or property occurred in my district.

I have the honour to be, sir,

Your obedient servant,

J. A. MATHESON,

Inspector of Fisheries

RETURN showing the Number of Fishermen, &c., the Number and Value of Vessels and in the County of **Kings**, Province of **Prince Edward**

Number.	Fishing Districts.	Fishing Vessels, Boats, Tugs, &c.											Fishing				
		Vessels.				Boats.					Tugs, smacks, &c.			Gill nets.		Trap nets.	
		Number.	Tons.	Value.	Men.	Sail.	Value.	Gasoline.	Value.	Men.	Number.	Value.	Men.	Number.	Value.	Number.	Value.
	<i>Kings County.</i>			\$			\$		\$			\$			\$		\$
1	Souris and Red Point....	2	39	1200	9	55	900	36	4500	170	1	250	2	200	1600	2	1000
2	Bay Fortune.					25	400	4	600	50	1	200	2	60	480		
3	Annandale					70	1600	5	750	120				130	1020		
4	Georgetown	1	16	500	3	80	2000	10	1500	110	2	500	2	250	2000		
5	Murray Harbour North.	2	53	1500	9	110	2800	8	1200	170	4	800	7	320	2500		
6	Murray Harbour South..	8	209	4000	31	25	600	25	4500	80	1	200	1	260	2000		
7	Morell and St. Peters....					40	1500	20	3500	120				320	3000		
8	Naufrage					40	1500	4	600	80				110	900		
9	North Lake					36	600	8	1200	70				100	800		
10	East Lake.....					18	350	5	750	40				50	400		
	Totals	13	317	7200	52	499	12250	119	19100	1010	9	1050	14	1800	14700	2	1000

SESSIONAL PAPER No. 22

Boats, and the Quantity and Value of all Fishing Gear, &c., used in the Fishing Industry Island, during the Year 1912-13.

Gear.								Canneries.				Other Material.						Persons employed in Canneries, Freezers and Fish-houses.	Number.
Smelt nets.		Trawls		Hand lines.		Lobster traps.		Lobster canneries.		Clam canneries.		Freezers and Ice-houses.		Smoke & Fish-houses.		Piers and Wharves.			
Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.		
	\$		\$		\$		\$		\$		\$		\$		\$		\$		
25	75	160	1500	80	80	7000	5000	4	2500			1	1000	4	200	1	500	110	1
6	180	10	80	60	60	6900	5000	3	3000					4	100	1	50	40	2
1	30	15	120	160	160	17000	12800	5	6000					3	75	2	500	100	3
2	60	30	250	150	150	12000	9000	3	6000	1	50			6	250	1	500	70	4
20	60	20	160	120	120	28000	21000	10	8000	2	150			10	300			120	5
30	90	200	1600	210	210	12600	9400	4	5000	1	50			12	500	1	500	90	6
115	750	160	1300	140	140	24000	18000	8	7000					12	400	1	200	150	7
		5	40	60	60	9000	6800	6	6000					6	150			110	8
20	60	15	120	60	60	13500	10200	8	7000					8	200			100	9
		50	400	50	50	3600	2700	2	3000					6	150			40	10
219	1305	665	5570	1090	1090	133600	99900	53	53500	4	250	1	1000	71	2325	7	2250	930	

RETURN showing the Number of Fishermen, &c., the Number and Value of Vessels Industry in the County of **Queens**, Province of

Number.	Fishing Districts.	Fishing Vessels, Boats, Tugs, &c.									Fishing						
		Vessels.				Boats.					Tugs, smacks, &c.			Gill nets.		Seines.	
		Number.	Tons.	Value.	Men.	Sail.	Value.	Gasoline.	Value.	Men.	Number.	Value.	Men.	Number.	Value.	Number.	Value.
Queens County.				\$			\$		\$		\$		\$		\$		
1	Tracadie	1	20	200	6	141	4990	21	3950	222				276	1450		
2	New-London.....	6	87	2100	20	25	950	25	6250	100				550	4500		
3	Point Prim.....					47	1200	13	2390	115				50	180		
4	Rustico.....	2	33	600	10	43	3175	50	13750	166	1	200	1	302	1863	6	300
5	Wheatley River.....					19	415	3	525	33				16	73		
6	Pownal					11	270	4	1600	23				38	109		
7	Charlottetown.....					20	800	6	1200	60							
8	Crapaud.....					9	290	11	2475	36				52	260		
9	Lot 65.....					55	1353	35	8880	132							
10	Bays and Rivers.....					80	575	6	1500	92							
Totals.....		9	140	2900	36	450	14018	174	42520	979	1	200	1	1284	8435	6	300

SESSIONAL PAPER No. 22

and Boats, and the Quantity and Value of all Fishing Gear, &c., used in the Fishing Prince Edward Island, during the year 1912-13.

Gear.										Canneries		Other material.				Persons employed in Canneries, freezers and fish houses.	Number.
Trap nets.		Smelt nets.		Trawls.		Hand lines.		Lobster traps.		Lobster Canneries.		Smoke and fish-houses.		Piers and wharves.			
Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.		
	\$		\$		\$		\$		\$		\$		\$		\$		
.....		357	2215	10	100	80	40	20950	20010	7	11600	89	2570	9	9050	147	1
.....		55	110	20	240	200	100	9600	9600	7	3150	6	250	3	5000	70	2
.....		14	130	10	120	65	32	18615	15646	23	6960					80	3
.....		60	170			60	30	15700	15700	4	8000	35	3500	2	1500	117	4
.....		60	150											1	400		5
.....		3	60					2000	1000	1	500					9	6
.....						100	50										7
.....		6	180					4110	3650	6	1850	6	300			33	8
1	38	37	475					17500	15200	8	6600	17	272			83	9
.....												20	200				10
1	38	592	3490	40	460	505	252	88475	80806	56	38660	173	7092	15	15950	539	

RETURN showing the Number of Fishermen, &c., the Number and Value of Vessels and in the County of Prince, Province of Prince Edward

Fishing Districts.		Fishing Vessels, Boats, Tugs, &c.									Fishing						
		Vessels.				Boats.					Tugs, smacks, &c.			Gill nets.		Sei-nes	
		Number.	Tons.	Value.	Men.	Sail.	Value.	Gasoline.	Value.	Men.	Number.	Value.	Men.	Number.	Value.	Number.	Value.
<i>Prince County.</i>				\$			\$		\$		\$		\$		\$		
1	Tignish					36	2880	67	13400	214	2	600	4	110	440	1	50
2	Nail Pond					17	1360	6	1200	43				55	220		
3	Skinner's Pond...					54	4320	13	2600	75	1	300	2	80	320		
4	Miminigash.	1	10	400	5	24	1920	34	6800	97				70	280		
5	Alberton.	2	22	880	8	10	800	14	2800	42				60	240		
6	Roxberry	1	10	400	4	4	320	4	800	12				20	80		
7	Brae.					6	480	5	1000	20				22	112		
8	West Point					3	240	14	2800	32				35	140		
9	Narrows, Lot 11.					11	600	3	750	26				79	485		
10	Ellerslie, Lot 12.					21	1000	6	1500	32				50	280		
11	Bideford					65	405	4	1000	78				48	136		
12	Wellington.					15	150			15				30	70		
13	Grand River ..					27	665	5	1250	32				30	115		
14	Richmond Bay.					40	1225	14	3500	86				195	743		
15	Travellers' Rest					3	38			6				260	132		
16	Malpeque.	3	50	1000	12	30	1500	19	4750	75				400	700		
17	Fifteen Point.					25	1570	61	15250	156				278	1320		
18	Summerside.					2	100	2	600	8				10	55		
19	Carleton.					6	465	8	2000	25				41	225		
20	Tryon							37	9250	73				151	755		
21	Enmore.					2	130			4				22	110		
22	Indian River.					15	600			30				46	128		
Totals.		7	92	2680	29	416	20768	316	71250	1181	3	900	6	2098	7081	1	50

SESSIONAL PAPER No. 22

Boats, and the Quantity and Value of all Fishing Gear, &c., used in the Fishing Industry
Island, during the Year 1912-13.

Gear.										Canne- ries.	Other Material.				Persons employed in Canneries, Freezer and Fish-houses.	Number.			
Trap nets.		Smelt nets.		Trawls.		Hand lines.		Lobster traps.		Lobster canne- ries.	Freezers and Ice houses.-		Smoke and Fish houses.				Piers and Wharves.		
Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.			Value.	Number.	Value.
	\$		\$		\$		\$		\$		\$		\$				\$		\$
1	400	2	40	15	150	100	50	27200	27200	9	14400	.....	.....	9	1800	1	40000	219	1
.....	8	80	35	17	5890	5890	3	6500	.....	.....	3	600	.....	.....	58	2
.....	30	300	110	55	12300	12300	4	4000	1	400	4	800	.....	.....	84	3
.....	4	80	18	180	55	27	12000	12000	7	6550	1	400	7	1400	1	20000	72	4
.....	30	600	36	360	40	20	6300	6300	8	3450	.....	.....	8	1600	.....	.....	51	5
.....	3	60	1	10	14	7	4500	4500	2	2000	.....	.....	2	400	.....	.....	30	6
.....	2	40	.....	.....	.....	.....	2575	2575	4	2000	.....	.....	4	800	1	6000	18	7
.....	10	5	5450	5450	7	3500	.....	.....	7	1400	.....	15000	23	8
.....	2	40	.....	.....	.....	.....	3500	3400	3	2200	.....	.....	.....	.....	.....	.....	23	9
.....	9	72	.....	.....	20	20	5900	3500	3	2800	.....	.....	.....	.....	.....	.....	31	10
.....	2730	2422	3	2500	.....	.....	.....	.....	.....	.....	19	11
.....	4	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
.....	6600	3000	1	1000	.....	.....	.....	.....	.....	.....	22	13
.....	21700	11325	5	4100	.....	.....	.....	.....	.....	.....	52	14
.....	18	455	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15
.....	30	150	50	50	10300	8700	4	4500	.....	.....	7	140	.....	.....	55	16
.....	23450	17800	13	9450	.....	.....	.....	.....	.....	.....	97	17
.....	49	1470	.....	.....	.....	.....	750	750	1	600	.....	.....	.....	.....	.....	.....	9	18
.....	6	220	.....	.....	.....	.....	4650	3700	3	1200	.....	.....	.....	.....	.....	.....	18	19
.....	14	250	.....	.....	.....	.....	12675	8400	6	2800	.....	.....	.....	.....	.....	.....	45	20
.....	17	570	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21
.....	22
1	400	160	3997	138	1230	434	251	168470	159212	86	73550	2	800	51	8940	4	81000	926	

4 GEORGE V., A. 1914

THE

RETURN showing the Quantities and Values of all Fish caught and landed in a Green year

Number.	Fishing Districts.	Salmon, *cwts.	Salmon, value.	Lobsters, cwts.	Lobsters, value.	Cod, cwts.	Cod, value.	Haddock, cwts.	Haddock, value.	Hake and Cusk, cwts.	Hake and Cusk, value.	Herring, cwts.
	<i>Kings County.</i>		\$		\$		\$		\$		\$	
1	Souris and Red Point			2782	11128	1100	1100	600	480	9000	7200	4400
2	Bay Fortune			2725	10900	200	200	20	16	500	400	1500
3	Annandale			671	22708	200	200	80	64	300	240	1500
4	Georgetown			4500	18000	250	250	200	160	400	320	3000
5	Murray Harbour North			8466	33900	550	550	25	20	200	160	8000
6	Murray Harbour South			3062	15850	1450	1450	150	120	8000	6400	2000
7	Morell and St. Peters.	110	880	13510	54040	1500	1500	125	100	400	320	2000
8	Naufrage			4042	16168	100	100	30	24	100	80	1000
9	North Lake,			4977	19908	100	100	20	16	150	120	1000
10	East Lake			3435	13740	60	60	64	51	150	120	480
	Totals.	110	880	54070	216342	5510	5510	1314	1051	19200	15360	24880

*Cwt.=100 lbs.

SESSIONAL PAPER No. 22

CATCH.

State in the County of Kings, Province of Prince Edward Island, during the 1912-13.

Herring, value.	Mackerel, cwts.	Mackerel, value.	Alewives, cwts.	Alewives, value.	Smelts, cwts.	Smelts, value.	Trout, cwts.	Trout, value.	Eels, cwts.	Eels, value.	Tongcod, cwts.	Tongcod, value.	Mixed fish, cwts.	Mixed fish, value.	Squid, brls.	Squid, value.	Clams, brls.	Clams, value.	Crabs, brls.	Crabs, value.	Number.
\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	
2200	400	2400	.....	.....	40	200	5	40	10	50	20	20	25	12	10	15	260	520	.....	.....	1
750	20	120	.....	.....	200	1000	10	80	5	25	.....	.....	10	5	.....	.....	10	20	.....	.....	2
750	5	30	.....	.....	10	50	10	80	5	25	.....	.....	10	5	.....	.....	20	40	.....	.....	3
1500	20	120	.....	.....	40	200	5	40	50	250	.....	.....	20	10	.....	.....	100	200	.....	.....	4
4000	10	60	.....	.....	80	400	5	40	40	200	.....	.....	30	15	15	22	300	600	50	125	5
1000	5	30	.....	.....	210	1050	15	120	20	100	10	10	60	30	.....	.....	120	240	.....	.....	6
1000	400	2400	30	30	300	1500	10	80	30	150	10	10	10	5	10	15	30	60	.....	.....	7
500	.....	.....	.....	.....	10	50	5	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
500	300	1800	.....	.....	50	250	15	120	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
240	44	264	.....	.....	.....	.....	10	80	30	150	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
12440	1204	7224	30	30	940	4700	90	720	190	950	40	40	165	82	55	52	840	1680	50	125	

THE CATCH MARKETED.

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state, for the County of **Kings**, Province of **Prince Edward Island**, during the Year 1912-13.

Fishing Districts.	Kings County.										Number.			
	Salmon, fresh and frozen,* cwt.	Salmon, canned, cases	LoBSTERS, canned, cases.	Cod, fresh, cwt.	Cod, shipped green-salted, cwt.	Cod, dried, cwt.	Haddock, fresh, cwt.	Haddock, dried, cwt.	Hake and Cusk, dried, cwt.	Herring, fresh, cwt.	Herring, pickled, brls.	Herring, used as bait, brls.	Mackerel, fresh, cwt.	Mackerel, salted, brls.
1 Souris and Red Point			1113	20	20	347	50	183	3000	600	100	1750	100	100
2 Bay Fortune			1090	10	10	56	20		166	50	20	695	20	
3 Annandale			2271	10	10	57	20	20	100	60	30	675	5	
4 Georgetown			1800	20	10	70	30	57	133	80	25	1422	5	5
5 Murray Harbour, North			3386	10	10	173	25		66	70	60	3875	10	
6 Murray Harbour, South			1586	40	20	456	45	35	2636	100	100	800	5	
7 Morell and St. Peters	88	25	5404	10	10	490	20	35	133	120	30	890	30	123
8 Naufage			1617	5	10	25		10	34	40		480		
9 North Lake			1991	5	16	25	20		50	30		485	30	90
10 East Lake			1374	10	10	10	10	18	51	25		226	14	10
Totals	88	25	21632	140	120	1709	240	358	6399	1175	365	11298	219	328
Rates.....%	10	12	18	2	3	5	2	4	3.50	1.50	5	1.50	10	18
Values	880	300	389376	280	360	8545	480	1432	22396	1762	1825	16947	2190	5904

*C'wt. = 100 lbs.

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green state, in the County of Queens, Province of Prince Edward Island, during the year 1912-13.

Number.	Fishing Districts.	Lobsters, cwts.	Lobsters, value.	Cod, cwts.	Cod, value.	Haddock, cwts.	Haddock, value.	Hake and Cusk, cwts.	Hake and Cusk, value.	Herring, cwts.	Herring, value.	Mackerel, cwts.	Mackerel, value.	Alwives, cwts.	Number.
<i>Queens County.</i>															
1	Tracadie.....	7025	35140	1582	1582					3268	2451	224	1568	100	1
2	New London.....	3536	17680	1330	1330			51	40	1519	1140	428	2996		2
3	Point Prim.....	4865	24325	952	952			50	40			150	1050		3
4	Rustico.....	7095	35475	2714	2714	63	63	175	130	3031	2274	790	5530		4
5	Wheatley River.....			738	738			75	55	922	690	124	868		5
6	Pownal.....	13320	66600												6
7	Charlottetown.....									1002	750	98	686		7
8	Crapaud.....	1126	5630												8
9	Bays and Rivers.....	4468	22335												9
	Totals.....	41438	207185	7316	7316	63	63	351	265	9742	7305	1814	12698	100	

SESSIONAL PAPER No. 22

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green state, in the County of Queens, Province of Prince Edward Island, during the year 1912-13.—Continued.

Number.	Fishing Districts.	Alewives, value.	Smelts, cwt.	Smelts, value.	Trout, cwt.	Trout, value.	Peis, cwt.	Peis, value.	Oysters, brls.	Oysters, value.	Clams, brls.	Clams, value.	(Quahogs, brls.	(Quahogs, value.	Number.
	<i>Queens County.</i>														
1	Tracadie.	100	2015	8060			26	130	1802	7208			25	25	1
2	New London.		672	2688	4	2							35	35	2
3	Point Prim.		308	1232					80	320					3
4	Rustico.		371	1484							100	200			4
5	Wheatley River.		310	1240											5
6	Pownal.		60	240					15	60			14	35	6
7	Charlottetown.		183	732											7
8	Crapaud.		956	3824					737	2948					8
9	Bays and Rivers.														9
	Totals.	100	4875	19500	4	2	29	130	2634	10536	100	200	74	170	

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State, in the County of Prince, Province of Prince Edward Island, during the Year 1912-13.

Number.	Fishing Districts.	Lobsters, cwt.*	Lobsters, value.	Cod, cwt.	Cod, value.	Haddock, cwt.	Haddock, value.	Hake and Cusk, cwt.	Hake and Cusk, value.	Herring, cwt.	Herring, value.	Mackerel, cwt.	Mackerel, value.	Smelts, cwt.	Smelts, value.	Kels, cwt.	Kels, value.	Tom-cod, cwt.	Tom-cod, value.	Oysters, brls.	Oysters, value.	Quahags, brls.	Quahags, value.	Number.
Prince County.																								
1	Tignish	8608	43040	8450	8450	250	250	3600	3600	6500	3250	800	4800	40	160									1
2	Nail Pond	1596	7980	2975	2975	100	100	2100	2100	3200	1100	100	600											2
3	Skinner's Pond	2366	11830	9350	9350	400	400	5200	5200	1435	2217	250	1500											3
4	Mininigash	2634	13170	5950	5950	200	200	4000	4000	786	393	300	1800	50	200	2	6							4
5	Alborton.	2472	12360	5450	5450	100	100	2800	2800	3150	1575	400	2400	500	2000					25	125			5
6	Roxbury	782	3910	2975	2975	50	50	1500	1500	1320	660	180	1080	250	1000	6	18			800	4000	100		6
7	Brae.	606	3030							1690	845			110	440	3	9							7
8	West Point	936	4680	200	200					2450	1225													8
9	Narrows, Lot 11	807	4035	5	5					1600	800			310	1240					104	520	248		9
10	Ellerslie, Lot 12	1673	8365	365	365					1400	700			120	480					558	2790			10
11	Bideford	830	4150							260	130	20	120	372	1488					1182	5910	1003		11
12	Wellington									56	28			66	264					150	750			12
13	Grand River	1417	7085							1575	787			340	1360					1435	7175			13
14	Richmond Bay	2872	14360							1900	950			80	320					545	2725	400		14
15	Traveller's Rest									1260	630			140	560					484	2170			15
16	Malpeque	3050	15250	1330	1330					1810	905	380	2280	343	1372					120	600	880		16
17	Fifteen Point	5746	28730							10200	5100			16	64									17
18	Summerside	255	1275							350	175			494	1976							140		18
19	Carleton.	1153	5765							1180	590			462	1848									19
20	Tryon	3681	18405							4392	2196			240	960									20
21	Enmore									75	37			415	1660	1	3	40	40	354	1770	1030		21
22	Indian River									180	90			382	1528					290	1450	120		22
Totals		41481	207420	37050	37050	1100	1100	19200	19200	48769	24383	2430	14580	4730	18920	12	36	40	40	5097	29975	3921		9677

*Cwt - 100 lbs.

THE CATCH MARKETING

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, etc., state, for the County of Prince, Province of Prince Edward Island, during the Year 1912-13.

Number.	Fishing Districts.	Lobsters, canned, cases.	Cod, fresh, cwt.	Cod, shipped green-salted, cwt.	Cod, dried, cwt.	Haddock, dried, cwt.	Hake and Cusk, dried, cwt.	Herring, fresh, cwt.	Herring, pickled, brl.	Herring, used as bait, brl.	Mackerel, fresh, cwt.	Mackerel, salted, brl.	Smelt, fresh, cwt.	Tom-Cod, fresh, cwt.	Eels, fresh, cwt.	Oysters, fresh, brl.	Clams and (Pungent), fresh, brl.	Tongues and Sounds, pickled and dried, cwt.	Fish Oil, gals.	Number.
1	Tignish	3443	50	250	2633	83	1200	300	400	2500	50	250	40						403	1
2	Nail Pond	638	25	175	866	33	700	150	150	800		33						7	170	2
3	Skinner's Pond	946	50	300	2900	133	1733	150	150	1916		83						17	486	3
4	Munnigash	1053	50	400	1700	66	1333	150	100	168		100	50	2				13	333	4
5	Alberton	989	50	200	1666	33	933	50	100	1400		133	500			25		9	277	5
6	Roxbury	313	25	75	933	17	500	20	20	620		60	250	6		800	100	5	150	6
7	Brae	242						20	30	790			110	3						7
8	West Point	374	5	10	57			50	100	1050										8
9	Narrows, Lot 11	323	5							800			310			104	248			9
10	Ellerslie, Lot 12	669	165	100						700	20		120			558				10
11	Bideford	332								130			372			1182	1003			11
12	Wellington							26	10				66			150				12
13	Grand River	567						70	35	700			340			1435				13
14	Richmond Bay	1149						40	20	900			80			545	400			14
15	Travellers' Rest								20	600			140			434				15
16	Malpeque	1220	130	600				60	50	800	80	100	343			120	880			16
17	Fifteen Point	2298						100	100	4900			16							17
18	Summerside	102						150		100			491				140			18
19	Carleton	461								590			162							19
20	Tryon	1472						52		2170			240							20
21	Enmore							30	15				415	1	40	354	1030			21
22	Indian River							20	20	50			382			290	120			22
	Totals	16593	555	2110	10755	365	6399	1438	1320	21684	150	759	4730	12	40	5997	3921	63	1819	
	Rates	18	1.50	2	4	3.50	3	1	6	2	10	15	7	5	2	8	4	30	0.30	
	Values	298674	833	4220	43020	1277	19197	1438	7920	43368	1500	11385	33110	60	80	47976	15684	1890	545	

Total value..... \$532,177

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RECAPITULATION

Of the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c, State for the Province of Prince Edward Island, during the Year 1912-13.

Kinds of Fish.	Caught and landed in a green state.		Marketed.		Total marketed value.
	Quantity.	Value.	Quantity.	Value.	
		\$		\$	\$
Salmon..... cwts.	110	880			
" used fresh and frozen			88	880	
" canned..... cases.			25	300	1,180
Lobsters..... cwts.	136,992	630,947			
" canned..... cases.			54,798	986,364	986,364
Cod..... cwts.	49,876	49,876			
" used fresh..... "			2,108	3,939	
" shipped green-salted..... "			3,156	6,895	
" dried..... "			13,184	58,315	69,149
Haddock..... "	2,477	2,214			
" used fresh..... "			240	480	
" dried..... "			744	2,814	3,294
Hake and Cusk..... "	38,751	34,825			
" used fresh..... "			126	189	
" dried..... "			12,873	41,893	42,082
Herring..... "	83,391	44,128			
" used fresh..... "			2,804	3,391	
" pickled..... brls.			1,914	10,890	
" used as bait..... "			37,414	68,071	82,352
Mackerel..... cwts.	5,448	34,502			
" used fresh..... "			504	5,310	
" salted..... brls.			1,647	27,369	32,679
Alewives..... cwts.	130	130			
" salted..... brls.			43	200	200
Smelts..... cwts.	10,545	43,120	10,545		73,815
Trout..... "	94	744	94		940
Eels..... "	228	1,116	228		2,090
Tom-cod..... "	80	80	80		160
Mixed fish..... "	165	82	165		165
Squid..... brls.	35	52	35		105
Oysters..... "	8,631	40,511	8,631		61,146
Clams and Quahaugs..... "	4,985	11,852			
" used fresh..... "			4,600	18,400	
" canned..... cases.			385	1,540	19,940
Tongues and Sounds..... cwts.			96		2,880
Fish oil..... gals.			4,549		1,364
Totals.....		895,059			1,379,906

RECAPITULATION

Of the Number of Fishermen, &c., and of the Number and Value of Fishing Vessels, Boats, Nets, &c., in the Province of Prince Edward Island, for the Year 1912-13.

	Number.	Value.
		\$
Vessels (tonnage, 549).....	29	12,780
Boats (sail).....	1,365	47,036
" (gasoline).....	609	132,870
Tugs, smacks, &c.....	13	3,050
Gill nets.....	5,182	30,216
Seines.....	7	800
Trap and smelt nets.....	975	10,230
Trawls.....	843	7,260
Hand lines.....	2,029	1,593
Lobster traps.....	390,545	319,918
" canneries.....	195	165,710
Clam.....	4	250
Freezers and Ice-houses.....	3	1,800
Smoke and Fish-houses.....	295	18,357
Piers and Wharves.....	26	99,200
Totals.....		851,070

Number of men employed in Vessels and Tugs.....	138
" " Boats.....	3,176
" persons employed in Fish-houses, Freezers, Canners, &c....	2,395
	5,703

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APPENDIX No. 6.**QUEBEC**

GULF DIVISION, SEA FISHERIES DISTRICT: COMPRISING THE COUNTIES OF BONAVENTURE, GASPE, SAGUENAY AND RIMOUSKI.
INSPECTOR, WM. WAKEHAM, M.D., GASPE BASIN.

GULF DIVISION, INLAND FISHERIES DISTRICT: COMPRISING THE COUNTIES OF TEMISCOUATA, KAMOURASKA, L'ISLET, MONTMAGNY, CHICOUTIMI, CHARLEVOIX, MONTMORENCY AND QUEBEC.
INSPECTOR, WM. WAKEHAM, M.D., GASPE BASIN.

THE EASTERN TOWNSHIPS. INSPECTOR, C. A. BERNARD, ST. CESAIRE

THE ST. LAWRENCE RIVER FROM HUNTINGDON COUNTY TO BELLECHASSE, AND THE COUNTIES FROM PORTNEUF TO SOULANGES.
INSPECTOR, JOSEPH RIENDEAU, LONGUEUIL.

N.B.—In the inland portions of Quebec, including the inland section of the Gulf Division, the fisheries are administered by the Provincial Government. This department merely exercises a general supervision.

REPORT ON THE SEA FISHERIES OF THE GULF DIVISION.

To the Superintendent of Fisheries,
Ottawa.

SIR,—I beg to submit the annual return, showing the statistics of the Fisheries of the Gulf Division, Province of Quebec, for the season of 1912-13. These statistics show an increase in value of some \$120,000 over those of the previous season.

The summer of 1912 in the Gulf of St. Lawrence was a remarkable one. It was cold, dull and wet all through the months of July, August and September, and while we had no very severe gales, yet the weather was constantly rough.

SALMON.

The returns, from this fishery, show a considerable increase; the catch in the nets, both on the South and North shores of the Gulf, was better than that of the previous season. On the lower north shore the catch was particularly good; the sport fishing was late in beginning, but owing to the high water in the rivers, due to constant rains, and cool weather, the fishing was good right up to the close of the season. On most of the rivers the fishing closed at the usual date, and the extension in the fishing season was not taken advantage of. Most of our sportsmen are business men, who can only afford to remain on their rivers during what is kept and recognized as the regular holiday season; this ends with the middle of August.

Some of our salmon rivers, particularly on the south shore, are greatly overnetted, and it seems particularly unfair, where the sportsmen, with the view of improving the rivers, are buying out the nets in the channels and estuaries, that the local government should persist in issuing new licenses. As long as this is done I see no use in the sportsmen buying out the nets as they are doing. It should surely be possible for the sporting clubs to come to some arrangement, with the local government authorities, by which no new net licenses should be issued in the neighbourhood of estuaries, or rivers where the sportsmen are spending money in the purchase of netting rights, with the view of improving the conditions in the rivers.

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LOBSTERS.

The lobster pack was below that of 1911, being some 2,000 cases short. The total revenue figures out at about the same amount; this is altogether due to the increased value per case, which, for this season, we have fixed at \$18. As the pack decreases, the cost to the consumer must naturally rise.

COD.

The cod fishery, over many parts of the coast, was a failure; this was particularly the case along the river shore, from Cape de Rosier West, and on the Labrador from Natashquan East as far as Blanc Sablons. On this coast the capelin never came in, consequently the summer fishing, from the middle of June to the end of July, which is usually made with seines, and trap-nets, was a complete failure. Under ordinary conditions the cod follow the capelin schools right inshore among the islands, schooling on the surface like herring or mackerel. When schooling in this way the cod will not take the hook, they are generally gorged with capelin. Fortunately for the people, the sa'mon net fishing was good, and many turned their attention to lobster packing, while, late in the fall the deep water cod fishery, with hook and line, was fairly good. Had it not been for this, we would have had to deport many families from the Labrador, or have furnished them with sufficient supplies to have tided them over the winter. A good many of the younger men left the coast, and found employment in the lumber camps at Anticosti, Clarke City, or elsewhere.

The north shore cod fishermen are beginning to fear that the present method of conducting the whale fishery, which has greatly decreased the number of whales, usually found off the Labrador coast in summer, is the cause of the failure in the summer cod fishery. Certain it is that the capelin, on which the summer cod fishery is undoubtedly dependent, have not, for the past three seasons, struck inshore as they formerly did. There is no doubt that the capelin were largely preyed on by the whales, and it may have been this which drove them inshore in such great abundance, being no longer chased by the whales, the great schools of these bait fish, remain off shore in deep water, and the cod stay by them. Whether there is anything in this, I am hardly prepared to say, but the idea, that there is a good deal in it, is now held by the cod fishermen, all round Newfoundland, and on the Labrador.

On the coast of Gaspé, from Cape de Rosier to Point Macquereau, the cod fishery was good. The price of dry cod was unusually high, and where the fishery was good the fishermen made big wages.

HERRING.

Herring were very abundant all through the season, and on the coast from Cape de Rosier to Matane, where the cod fishery failed, the pack of pickled herring was unusually heavy. Unfortunately this fish is so carelessly cured, that the returns to the fishermen from it were small. The market for this fish, which in our case is Quebec, became glutted. The common soft wood barrels, with only a few wooden hoops, in which their herring is packed, won't stand handling. They will not hold the pickle, so that much of the pack got rusty, and bad, and had actually to be thrown away. This is an old story in connection with our herring fishery. The fishermen seem quite unwilling to learn that they are the losers by their careless manner of curing and packing this fish. I see no hope of any improvement, short of a strict inspection made on the spot where the fish are packed. There would be a great kick against anything of the kind, but there can be no doubt, whatever, that with a careful pack, the market for our herring would be greatly extended, and the fishermen themselves would be the real gainers. Our herring are quite as good as any taken on the Scotch, Dutch or Norwegian coasts, yet due solely to our inferior packages, and

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our careless and stupid methods of curing these fish, we have only a limited market, and we get an insignificant return for them.

MACKEREL.

The mackerel fishery at the Magdalen Islands was poor. The fish kept off shore. In the Bay of Chaleur a fairly good fishery was made by a number of small vessels from Nova Scotia and Prince Edward Island; the fish were all taken by drifting. Though these fish were all taken in our inshore waters, and the vessels engaged in the fishery harboured in our harbours, yet their catch, not having been landed in our division, does not figure in our returns.

WHALES.

Ninety whales were taken by the two whaling steamers which operate in connection with the factory at Seven Islands. The whales were thin, and did not yield the average quantity of oil. One Black (Right) whale was taken well up the river above Manicouagan. This is the first black whale killed in the Gulf for sixty years. In 1850 Captain Coffin of Gaspé, in the old fashioned whaling day, killed two black whales, late in the fall, well up the river, near St. Thomas. In pre-revolutionary days, whalers from New England used to kill a good many black or right whales in the Gulf of St. Lawrence. The whale of this species, killed this season by Captain Sorenson, was 57 feet long, girthed 48 feet, and yielded 140 barrels of oil, and over half a ton of bone, nine feet long. This baleine, commonly called bone is worth over £2,000 a ton.

BAIT.

Bait, except on the Labrador, was fairly abundant. We did not see anything like as much squid as usual, but as before said, herring were abundant all through the season.

Except at the Magdalen Islands where we always have some poaching for lobsters in the lagoons, the regulations were well observed. Many traps were found, and destroyed, in the lagoons at the Magdalen Islands; and one considerable seizure of illegally packed lobsters was made, these were, after trial, confiscated and sold.

INLAND SECTION OF THE GULF DIVISION.

Practically all the commercial fishing in this section is made by means of brush, or woven wire weirs, the leaders of which extend from the shore, and dry out at low water. This method of fishing can only be carried out successfully when there are flat beaches, and a considerable rise and fall of tide. As we have no fishery officers of our own on either shore of the river, between Rimouski and Quebec, I am not able to vouch for the absolute accuracy of the statistics for this section; they have been collected with as much care as possible, by consulting those who were considered best able to give us a general estimate. The farmers who fish these pêches are not always able to tell us just how much they do catch, and they are generally afraid to say much about the fishery, as they have the idea that we propose to put some kind of tax on them, based on their catch, so that I do not think that we get an over estimate of it. There are really no regular fishermen in the section; these weirs being fished by farmers, who enjoy, from old time, the right to fish on their respective fronts. As far as we have been able to ascertain there was a slight improvement in the fishery over the season of 1911. These weirs are very destructive engines; nothing escapes them, and the quantity of undersized striped bass, and sturgeon destroyed by them is enormous.

I am, sir,

Your obedient servant,

WM. WAKEHAM,

Inspector of Fisheries.

(Translation.)

REPORT ON THE FISHERIES OF THE EASTERN TOWNSHIPS.

To the Superintendent of Fisheries,
Ottawa, Ont.

SIR,—I have the honour to forward my annual report for the fiscal year 1912-1913, together with statistical returns.

From the information obtained from the local fishery officers and from fishermen of the district, fishing was better last year than the preceding year and although the temperature was not favourable last year, no fish died, as happened before in certain districts of the Dominion.

The regulations regarding fishing were more generally observed and the fishery officers had less trouble, as the public seemed to be more interested in the protection of the fish. There were certain sections, however, where the regulations were disregarded, especially in parts of the district where the fish were not so plentiful and where the officers were indifferent regarding their duties.

We noticed that the fishery regulations were better observed in places where licenses had been granted: the fishery officers were more active and the public more careful to comply with the regulations and protect the fish.

In the counties of St. Jean and Chambly, the fish were abundant last year, especially in the upper portion of the Richelieu river, where bass and doré are of a large size. Eels also, were very plentiful at Iberville; this fishing presented fewer difficulties than formerly and was less remunerative. The regulations regarding fishing were well observed in this part of the district.

In the counties of Missisquoi and Iberville, at Missisquoi bay and Burbet river, fishing was very good last year and more remunerative. The local officers were active and the regulations better observed.

In the counties of Stanstead and Sherbrooke, lakes Massawippi and Memphremagog, the waters of these lakes were well stocked with fish and much fishing was done by sportsmen during the fine season. We noticed an increase in the quantity of trout in lake Memphremagog. A strict watch should be kept on night-lines in this locality. The fishery officers seemed to be attentive to their duties.

In the counties of Shefford and Brome, fishing was better last year. There was no disease among the fish as there was the preceding year, and pike, together with other different kinds of fish were plentiful in the upper part of the Yamaska river.

In the counties of St. Hyacinthe, Bagot, Rouville, the Yamaska river and its tributaries offered more advantages than formerly, both as regards the quantity and quality of the fish. There were, however, certain contraventions to the fishery regulations at different points where spearing is carried on in the Spring.

In the counties of Richmond, Mégantic and Beauce, there was little progress made in the replenishing of the several streams in that part of the district, and there could be no great improvement as long as the saw-mills situated on the different rivers, especially the Chaudière river, disregard the fishery laws. There are few fish in these waters and the regulations are unobserved, the public caring little about protecting the fish.

For the better protection of the fish, I wish to make the following suggestions:—

That a strict watch be kept on night-line fishing; and that it be forbidden from October 15 to June 15.

In all of the St. Lawrence river, together with its tributaries, the use of nets, if not totally forbidden, be allowed only from October 1 to December 31, the mesh of these nets to be not less than 3 inches.

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That the use of seines during the winter, if not all together forbidden, should at least, be closely watched.

I am, sir,

Your obedient servant,

(Sgd.) C. BERNARD,
Inspector of Fisheries.

REPORT ON THE FISHERIES OF THE ST. LAWRENCE RIVER FROM
HUNTINGDON TO BELLECHASSE ON THE SOUTH SHORE AND
FROM PORTNEUF TO SOULANGES ON THE NORTH SHORE.

To the Superintendent of Fisheries,
Ottawa, Ont.

SIR,—I beg to submit to you my report for the year ended 31st of March 1913, together with the statistical returns.

During the year, I had opportunity to visit the different sections of my district and found conditions to be as follows:

LAKE ST. LOUIS.

Fishing is chiefly done on the South Shore from Dundee to Valleyfield. The law is better observed since a few years. There is scarcely any netting being done now, owing, perhaps, to the overseers being more careful. I must, however, make an exception about Coteau du Lac at 'River Delisle' where there is no fish way on the dam, thereby preventing the fish from going up the river to spawn.

LAKES ST. LOUIS AND TWO MOUNTAINS.

Owing to the disappearance of seines there is an improvement in these two fishing grounds. I must admit, however, that there are still nets for minnows being used but, I may say, on the whole, that the law is better obeyed than previously.

LA PRAIRIE.

There is still reason to complain of the manner in which fishing is being carried on in this district. The closed season is completely ignored and, in my opinion, no improved state of affairs can be expected if the use of nets is not absolutely prohibited in all seasons and for a determined number of years.

CHAMBLY AND VERCHERES.

No improvement can be reported in this district since my last report, although severe punishments are imposed when a case can be made against some offender. Fishing is indulged in on Sundays as well as every day of the week.

RICHELIEU.

It affords me great pleasure to report that the progress stated in my last report is continuing. The stock is improved and contraventions are on the decrease.

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LAKE ST. PETER.

To my great regret, I have no progress to report about these fishing grounds. I have seized, destroyed and confiscated large quantities of nets, and that to no effect. It looks as though the overseers were afraid to use their authority. Fishing is indulged in night and day, Sundays included, and with every kind of net.

NICOLET.

What I have just said about Lake St. Peter may be said about this place. The law is completely ignored: small sturgeon, pickerel and immature fish of all kinds are caught in hoop nets, seines with small meshes and night lines. They are sold around the neighbouring country.

In St. Maurice, Maskinongé, Berthier, L'Assomption, Laval, Terrebonne, fishing is done without any restriction whatever. Nets with small meshes are used freely everywhere. Although there are overseers in these parts of my district, they are never seen or heard from. An exception may be made in favour of the overseer of Three Rivers who attends carefully to his duties.

JACQUES CARTIER AND VAUDREUIL.

In both these counties I have ascertained with pleasure that the law is better observed than in previous years.

CHAMPLIN AND PORTNEUF.

No perceptible improvement can be reported. The fishermen persist in claiming that they have been given permits by the former Seigniors of the place and maintain that no law can exist against their freedom.

BELLECHASSE.

I have no improvement to report since last year. Small fish of every kind are caught needlessly.

GENERAL REMARKS.

Licenses are still being granted to fish with nets in small rivers, such as Lachenaie and L'Assomption where game fish go to spawn. The same may be said for other streams in the southern part of my district.

On complaints of saw-dust being thrown from the mills into the streams, I have visited a great number of saw mills and fined the proprietors, obliging them to take the necessary steps to completely stop the nuisance.

I still object to the use of minnow nets which are so destructive to game fish caught this way in great quantities.

I consider it my duty to again call your attention to the serious results which may be expected if adequate control is not established over net fishing in the small tributaries of the St. Lawrence and in all navigable and unnavigable rivers in the Province of Quebec. There should be no net fishing of any kind in the tributaries of the St. Lawrence or other small streams.

The law should require that the size of meshes be not less than three inches extension for hoop-nets. Seines, gill-nets and trap nets should be altogether prohibited.

Fish ways that have been built lately work satisfactorily.

I respectfully suggest that fishing in winter should be completely prohibited for the protection of immature fish.

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It is now an established fact that in counties where illegal fishing has been stopped, since the issuing of the new by-laws, a great change for the better has taken place, and both the quantity and the quality of fish are greatly improved.

The regulations actually in existence, concerning the use of nets and the dimension of the meshes, should be better enforced, and the overseers should receive more stringent instructions for their regular observance.

In my opinion, if progress is not more noticeable in certain parts of my district, it is owing to too much netting in the tributaries of the St. Lawrence river. This abuse constitutes a general blockade which prevents the fish from ascending the streams in the spawning season and causes its capture in an immature condition when coming back in high water. If you add to that the use of small meshes and illegal fishing, the depletion of fish in our rivers is easily accounted for.

It is now, in my opinion, an established fact that in the upper part of my district, where the by-laws are generally better observed, and this for the last couple of years, it is noticeable that a great improvement has taken place, both as to quality and quantity, while in the lower part, there is a considerable decrease.

A remedy that I might suggest would be that from the county of Champlain on the north shore and the county of Nicolet on the south shore of the St. Lawrence river nets of all kinds should be prohibited for a certain number of years, the prohibition extending on both shores up to the bridge of the Pacific Railway at Lachine.

Night lines should also be forbidden from the fifteenth of October to the fifteenth of June of each year.

I beg to state, in conclusion, that in Lake St. Francis, Lake St. Louis and Lake of Two Mountains, the game fish is perceptibly improved in quantity as well as in quality.

I am, sir,

Your obedient servant,

JOS. RIENDEAU,

Inspector of Fisheries.

Longueuil.

N.B.—The overseers referred to in the foregoing report are those employed by and under the control of the Provincial Government.

RETURN showing the Number and Value of Vessels and Boats, and the Quantity and Value of all Fishing Gear, &c., used in the Fishing Industry in the County of Bonaventure, Province of Quebec, during the year 1912-13.

Number.	Fishing Vessels, Boats, Tugs, &c.										Fishing Gear.						
	Vessels.				Boats.				Tugs Smacks, &c.		Gill Nets.		Seines.		Trap Nets.		
	Number.	Tons.	Value.	Men.	Sail.	Value.	Gasoline.	Value.	Men.	Number.	Value.	Number.	Value.	Number.	Value.		
1	Restigouche Subdivision.	5	350	10000	26	50	1500	65	65	.....	.....	65	500	.....	.....	.....
2	Bonaventure	1	15	500	3	225	11000	3	3	1500	425	425	.....	.....	45	1250	.....
3	Port Daniel	6	365	10500	29	425	17500	4	4	3000	715	715	.....	.....	30	750	.....
	Totals..												9500	2000	75	2000	.....

COUNTY OF GASPE

4	Grand River Subdivision	427	36890	7	2400	1264	2	400	3	1395	25246	8	360	.....	.....	.....	.....
5	Gaspe Bay	857	72292	28	9400	1788	.....	.....	.....	1907	36268	8	495	.....	.....	.....	.....
6	Monts Louis	507	13450	14	8300	755	.....	.....	.....	1235	16000	.....	.....	.....	.....	.....	.....
7	Ste-Anne des Monts Subdiv.....	511	15930	26	5500	1321	.....	.....	.....	4565	24000	23	7400	.....	14	6700	.....
8	Magdalen Islands S.	159	8030	26	7800	406	2	1000	4	550	2750	1	200	.....	21	12400	.....
9	Magdalen Islands N.	2461	146592	101	33400	5534	4	1400	7	9652	104264	40	8455	35	19100
	Totals.....	57					9	249									

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COUNTY OF SAGUENAY.

10	Godbout	Subdivision	11	148	4500	2%	202	4804	1	700	227	*	2	40000	20	356	11325	11	800	10
11	Moisie	"					32	2075	2	500	58					278	5467	6	255	11
12	Mingan	"					176	13640			424					52	3720	20	1750	12
13	Natashquan	"					40	4900			98					50	3500	11	900	13
14	Romaine	"					38	2550	1	400	48					50	665	3	110	14
15	St. Augustin	"					310	9500	5	1000	468					75	3200	28	1700	15
16	Bonne Esperance	"	4	221	6750	26	258	12415	9	3575	395					25	790	35	3725	16
17	Anticosti	"					50	2500			50		1	8000	8	35	400	5	500	17
Totals.			15	369	11250	49	1106	52384	18	6175	1763	3	48000	28	921	29067	119	9740	131	49860

COUNTY OF RIMOUSKI.

18	County of Rimouski						210	5320	3	1700	320					350	7310			18
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* Steam whalers.

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COUNTY OF SAGUENAY.

10	Godbout	Subdiv	81	8100	2	150	15	75	396	118	150	150	† 1	350	94	5000	7	100	1	175	25	10
11	Moisie	"	"	"	"	"	11	55	77	77	"	"	"	"	150	1	50000	5	1300	22	565	1	500	85	11
12	Mingan	"	"	"	"	"	"	"	1056	750	100	100	1	150	"	"	"	25	5000	58	30000	10	20000	60	12
13	Natashquan	"	"	"	"	"	"	"	264	130	700	700	4	1025	"	"	"	5	600	127	15700	8	1000	49	13
14	Romaine	"	"	"	"	"	"	"	60	50	1830	1830	8	505	"	"	"	"	"	40	1000	25	2000	49	14
15	St. Augustin	"	"	"	"	"	"	"	1850	500	3000	3000	30	2500	"	"	"	"	"	320	6350	75	3650	60	15
16	Bonne Esperance	"	"	"	"	"	61	305	1090	274	200	200	2	100	"	"	"	"	"	75	5000	84	13665	65	16
17	Anticosti	"	"	"	"	"	"	"	50	30	3000	3000	1	8000	"	"	"	2	1400	2	500	2	50000	50	17
Totals			81	8100	223	6465	87	435	4843	1929	8980	8980	47	12630	1	50000	131	13300	651	59275	206	90990	438		

COUNTY OF RIMOUSKI.

18	County of Rimouski		63	4570					250	250															18
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* Seal nets. † Not operated.

THE CATCH.
Return showing the Quantities and Values of all Fish caught and landed in a Green State in the County of Bonaventure, Province of Quebec, during the year 1912-13.

Number.	Fishing Districts.	Salmon, cwts.	Salmon, value.	Lobsters, cwts.	Lobsters, value.	Cod, cwts.	Cod, value.	Haddock, cwts.	Haddock, value.	Hake and Cusk, cwts.	Hake and Cusk, value.	Herring, cwts.	Herring, value.	Mackerel, cwts.	Mackerel, value.	Capelin, cwts.	Capelin, value.	Sardines, brls.	Sardines, value.	Number.
1	Subdivision of Restigouche	1050	10500	15	45	520	260	950	475	2400	1200	16200	12150	230	1150	10000	2500	.....	.....	1
2	" Bonaventure.	410	4100	935	2805	25550	12775	1605	802	1080	540	27600	20700	.....	.....	.....	.....	.....	.....	2
3	" Port Daniel.	350	3500	1647	4941	21050	10525	.....	.....	.....	.....	12900	9675	.....	.....	.....	.....	.....	.....	3
	Totals	1810	18100	2557	7671	47120	23560	2555	1277	3480	1740	56700	42525	230	1150	10000	2500	.....	.....

COUNTY OF GASPE.

4	Subdivision of Grand River.	420	4200	5720	17160	86462	43231	1321	660	.....	.....	40000	20000	.....	.....	.....	.....	.....	.....	4
5	" Gaspé Bay.	399	3990	1177	3531	138150	69075	2559	1275	.....	.....	54600	27300	.....	.....	.....	.....	.....	.....	5
6	Subdiv. of Monts Louis and St. Anns	325	3250	113	339	26600	13300	.....	.....	.....	.....	41730	20865	.....	.....	.....	.....	.....	.....	6
7	" Magdalen Islands South..	.....	.....	14562	43686	74025	37012	.....	.....	.....	.....	38830	19415	.....	.....	.....	.....	.....	.....	7
8	" " North.	.....	.....	21587	64761	3500	1750	.....	.....	.....	.....	70550	35275	.....	.....	.....	.....	.....	.....	8
	Totals	1144	11440	43159	129477	328737	164368	3871	1935	.....	.....	245710	122855	11556	57780	.....	.....	.....	.....

THE CATCH MARKETING.

Return showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., State for the County of Bonaventure, Province of Quebec, during the year 1912-13.

Number.	Fishing District.	Salmon fresh and frozen, * cwt.	Salmon salted, cwt.	Lobsters canned, cases.	Lobsters shipped in shell, cwt.	Cod fresh, cwt.	Cod shipped green-salted, cwt.	Cod dried, cwt.	Haddock fresh, cwt.	Haddock dried, cwt.	Hake and Cusk dried, cwt.	Herring fresh, cwt.	Herring smoked, cwt.	Herring pickled, brls.	Herring, used as bait, brls.	Herring used as fertilizer, brls.	Mackerel, fresh, cwt.	Mackerel, salted, brls.	Number.
1	Subdiv. of Restigouche	1050			15	100		110				300			200	7000			1
2	" Bonaventure	410		360	35	150	1000	7800	50	300	800	400	700		500	11500			2
3	" Port Daniel	350		650	22	150	1000	6300		535	360	200			300	5300	20	70	3
	Totals for County of Bonaventure.	1810		1010	72	400	2000	14240	50	835	1160	900	700	1400	1300	23800	20	70	
	Rates.	12		18	5	1	2.50	5.50	2	3.50	3	1	2	5	1.50	.50	10	16	
	Values.	21720		18180	360	400	5000	78320	100	2922	3480	900	1400	7000	1950	11900	200	1120	

COUNTY OF GASPÉ.

Number.	Subdiv.	Salmon fresh and frozen, * cwt.	Salmon salted, cwt.	Lobsters canned, cases.	Lobsters shipped in shell, cwt.	Cod fresh, cwt.	Cod shipped green-salted, cwt.	Cod dried, cwt.	Haddock fresh, cwt.	Haddock dried, cwt.	Hake and Cusk dried, cwt.	Herring fresh, cwt.	Herring smoked, cwt.	Herring pickled, brls.	Herring, used as bait, brls.	Herring used as fertilizer, brls.	Mackerel, fresh, cwt.	Mackerel, salted, brls.	Number.
4	Subdiv. of Grand River	420		2282	15			28821		440		500			10000	7500			4
5	" Gaspé Bay	399		450	40			46050		850		600			12500	8500			5
6	" Monts Louis and Ste. Anne	325		45			6650	4433				500			4790	2325			6
7	" Magdalen Islands South			5825				24675				600	1500	1000	12000	4115		2952	7
8	" Magdalen Islands North			8635				1166				700	1300	750	30000	2500		900	8
	Totals for County of Gaspé	1144		17242	55		6650	105145		1290		2900	2800	16250	69290	24940		3852	
	Rates.	12		18	5		2.50	5.50		3.50		1	2	5	1.50	.50		16	
	Values	13728		310356	275		16625	578297		4615		2900	5600	81250	103935	12470		61632	

SESSIONAL PAPER No. 22

RECAPITULATION

Of the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state, for the **Gulf Division** (Sea Fisheries District) Province of **Quebec**, during the Year 1912-13.

Kinds of Fish.	Caught and landed in a green state.		Marketed.		Total marketed value.
	Quantity.	Value.	Quantity.	Value.	
Salmon cwt.	8,946	\$ 87,236		\$	\$
" used fresh and frozen "			7,834	94,008	
" salted cwt.			886	7,088	
					101,096
Lobsters "	50,450	151,350			
" canned cases.			20,139	362,502	
" shipped in shell cwt.			145	725	
					363,227
Cod "	478,573	239,286			
" used fresh "			400	400	
" shipped green-salted "			12,655	31,637	
" dried "			150,954	830,246	
					862,283
Haddock "	6,426	3,212			
" used fresh "			50	100	
" dried "			2,125	7,537	
					7,637
Hake and Cusk "	3,480	1,740			
" dried "			1,160	3,480	
					3,480
Herring "	358,709	195,197			
" used fresh "			4,300	4,300	
" smoked "			4,250	8,509	
" pickled brls.			25,223	126,115	
" used as bait "			73,140	109,710	
" used as fertilizer "			61,979	30,989	
					279,614
Mackerel cwt.	11,786	58,930			
" used fresh "			20	200	
" salted brls.			3,922	62,752	
					62,952
Capelin cwt.	17,464	4,366			
" used fresh "			17,464	4,366	
					4,366
Sardines "	266	133			
" used fresh and salted "			266	532	
					532
Halibut cwt.	504	4,032	504		5,040
Flounders "	700	350	700		350
Smelts "	4,019	24,114	4,019		32,152
Trout "	627	6,270	627		6,270
Eels "	399	1,995	399		1,995
Tom cod "	255	255	255		255
Mixed fish "	6,030	12,060	6,030		12,060
Squid brls.	155	310	155		620
Clams and Quahaugs "	1,614	3,228			
" " used fresh "			1,614	6,456	
					6,456
Tongues and Sounds cwt.			90		450
Whales No.	90	63,000			
Hair seal skins "			16,165		20,206
Beluga skins "			47		235
Fish oil gals.			134,957		40,487
Whale oil "			149,310		44,793
Guano—from whales tons.			311		10,885
Whale bone "			11		4,950
Totals		857,064			1,872,391

RECAPITULATION

OF the Number of Fishermen, etc., and of the Number and Value of Fishing Vessels, Boats, Nets, etc., in the **Gulf Division** (Sea Fisheries District), Province of **Quebec**, for the year 1912-13.

	Number.	Value.
		\$
Vessels	30	28,250
Boats (sail)	4,202	221,796
" (gasoline)	126	44,275
Tugs, Smacks, etc., and 2 steam whalers.....	7	49,400
Gill Nets	11,688	150,141
Seines.....	231	20,195
Trap, Smelt Nets, and seal nets.....	435	77,725
Weirs.....	169	13,220
Trawls.....	1,468	7,340
Hand Lines	16,516	11,852
Lobster traps	113,934	105,445
" Canneries	115	84,690
Freezers and Ice-houses.....	263	25,400
Smoke and Fish-houses.....	1,501	343,275
Piers and wharves.....	263	146,685
Whale Factory.....	1	50,000
Totals.....		1,379,689

Number of men employed on Vessels and Tugs.....	170
" " Boats.....	8,332
Number of persons employed in Fish-houses, Freezers, Canneries, &c.....	1,944
Total men employed.....	10,446

SESSIONAL PAPER No. 22

INLAND FISHERIES.

RETURN showing the Number of Fishermen, etc., the Number and Value of Tugs, Vessels and Boats, and the Quantity and Value of all Fishing Gear and other Material used in the Fishing Industry, in the Inland Section of the Gulf Division, Province of Quebec, during the Year 1912-13.

Fishing Districts.	Boats.				Gill-Nets.		Seines.		Hoop-Nets.		Weirs.		Freezers and Ice-Houses.		Smoke and Fish-Houses.		Numbers.
	Sail.	Value.	Gasoline.	Value.	Men.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	
1 County of Témiscouata	10	250	...	...	...	10	250	...	...	13	160	20	1000	...	...	10	350
" Kamouraska.	...	...	...	...	...	...	...	...	...	50	500	15	750	...	...	10	350
" L'Islet	6	75	...	...	...	...	...	...	...	...	...	8	400	...	...	...	...
" Montmagny	12	300	...	...	...	...	...	...	...	...	...	30	1500	15	300	...	...
" Chicoutimi.	10	250	...	...	...	15	300	...	...	...	...	...	...	...	...	...	...
" Charlevoix	10	250	...	...	...	6	250	...	...	...	...	10	500	...	...	...	...
" Montmorency	26	500	...	...	...	...	...	...	...	...	...	50	2500	20	400	...	...
" Québec	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals.	74	1625	...	...	...	31	800	...	...	63	660	133	6050	35	700	20	700

Total value of material... \$11,135

INLAND FISHERIES

RETURN showing the Quantities and Values of all Fish caught and marketed or consumed locally, for the Inland Section of the Gulf Division, Province of Quebec, during the Year 1912-13.

Numbers.	Fishing Districts.	Salmon, cwts.*		Salmon, value.		Trout, cwts.		Trout, value.		Whitefish, cwts.		Whitefish, value.		Herring, cwts.		Herring, value.		Bass, cwts.		Bass, value.		Pike, cwts.		Pike, value.		Sturgeon, cwts.		Sturgeon, value.		Eels, cwts.		Eels, value.		Shad, cwts.		Shad, value.		Mixed Fish, cwts.		Mixed Fish, value.		Numbers.			
			%		%		%		%		%		%		%		%		%		%		%		%		%		%		%		%		%		%		%		%				
1	County of Temiscouata.	25		300		50		500						10000		5000						15		150		20		100		25		100		15		150		25		75					
2	" Kamouraska.	10		120		50		500						1000		500		50		750		20		200		25		125		235		1175		15		150		30		90					
3	" L'Islet.																	50		750		25		250		30		150		30		150		10		100		40		120					
4	" Montmagny.	10		120						15		150						150		2250		100		1000		750		3750		430		2150		25		250		50		150					
5	" Chicoutimi.	40		480		75		750									250					50		500														100		300					
6	" Charlevoix.	28		336		100		1000				300		500				200		3 00		120		1200		420		2100		500		2500		50		500		150		450					
7	" Montmorency.	5		60		250		2500																																					
8	" Québec.					300		3000																																					
	Totals.	118		1416		825		8250		445		456		11500		5750		450		6750		330		3300		50		250		1245		6225		1220		6075		115		1150		430		1290	
Total Value of Fish		\$40,906																																											

All consumed in Canada. None exported to United States.

*Cwts. = 100 lbs. †Smelt, Suckers and Tom-cod.

SESSIONAL PAPER No. 22

RETURN showing the Number of Fishermen, etc., the Number and Value of Tugs, Vessels and Boats, and the Quantity and Value of all Fishing Gear and other Material, used in the Fishing Industry in the **Eastern Townships**, Province of **Quebec**, during the year 1912-13.

Number.	Fishing Districts.	Boats.			Seines.		Hoop-Nets.		Lines.	
		Sail.	Value.	Men.	Number.	Value.	Number.	Value.	Number.	Value.
	<i>Eastern Townships.</i>		\$			\$		\$		\$
1	Counties of Chambly and St. Jean— Richelieu River from St. Ours to Lake Champlain.....	40	600	40	5	200	50	750	18	90
2	Counties of Missisquoi and Iberville Bay Missisquoi and Pike River.....	35	700	50	25	1000	.....	.....	.....	.....
3	Counties of Stanstead and Sherbrooke— Lakes Memphremagog and Missisquoi; River Magog and St. Francis	20	400	30	.....	.....	.....	.....	25	125
4	Counties of Shefford and Brome; Lake Brome and Yamaska River.....	20	400	25	.....	.....	.....	.....	15	75
5	Counties of Yamaska and St. Hyacinthe, Bagot and Rouville—Yamaska River.	45	450	45	4	100	75	750	25	125
6	Counties of Richmond and Wolfe, Me- gantic and Beauce	25	250	25	.....	.....	.....	.....	20	100
	Totals.	185	2800	215	34	1300	125	1500	103	515

RETURN showing the Quantities and Values of all Fish caught and marketed or consumed locally, for the Eastern Townships, Province of Quebec, during the year 1912-13.

Number.	Fishing Districts.	Salmon, cwts.*	Salmon value.	Trout, cwts	Trout, value	Whitefish, cwts.	Whitefish, value.	Bass, cwts.	Bass, value.	Pickarel, cwts.	Pickarel, value.	Pike, cwts.	Pike, value.	Sturgeon, cwts.	Sturgeon, value.	Eels, cwts.	Eels, value.	Perch, cwts.	Perch, value.	Maskinonge, cwts.	Maskinonge, value.	Mixed fish, cwts.	Mixed fish, value.	Number.
<i>Eastern Townships.</i>																								
1	Counties of Chambly and St. Jean, Richelieu River from Saint-Ours to Lake Champlain	...	...	...	...	...	...	50	500	38	380	185	1110	25	200	155	930	420	2100	15	150	665	3325	1
2	Counties of Missisquoi and Iberville — Bay Missisquoi and Pike River	...	...	...	...	85	850	42	420	510	5100	65	390	...	...	...	...	500	2500	...	...	700	3500	2
3	Counties of Stanstead and Sherbrooke — Lake Memphremagog and Missisquoi-River Magog and St. Francis	25	500	155	1860	68	680	60	600	75	750	85	510	...	...	40	240	140	700	...	...	230	1150	3
4	Counties of Shefford and Brome — Lake Brome and Yamaska River	...	...	55	660	...	...	75	750	75	750	130	780	...	...	32	192	80	400	...	...	90	450	4
5	Counties of Yamaska, St. Hyacinthe, Bagot and Rouville—Yamaska River...	...	...	...	...	...	...	35	350	50	500	70	420	20	160	40	240	120	600	20	200	380	1900	5
6	Counties of Richmond and Wolfe, Megantic and Beauce	...	...	5	60	...	...	15	150	28	280	48	288	...	...	10	60	50	250	...	...	70	350	6
Totals.....		25	500	215	2580	153	1530	277	2770	776	7760	583	3498	45	360	277	1662	1310	6550	35	350	2135	10675	

Quantity consumed in Canada 3. Quantity exported to U.S.A. 3. †“Mixed Fish” includes catfish, greyling, bullheads, goldeyes and ouananiche.

*Cwt. = 100 lbs.

SESSIONAL PAPER No. 22

RETURN showing the Number of Fishermen, etc., the Number and Value of Tugs, Vessels and Boats, and the Quantity and Value of all Fishing Gear and other Material, used in the Fishing Industry from the boundary line, County of **Huntingdon** to **Bellechasse** on the South Shore and from the County at **Portneuf** to County of **Soulanges**, inclusive on the North Shore, Province of **Quebec**, during the year 1912-13.

Number	Fishing Districts.	Boats.			Gill-Nets.		Seines.		Hoop-Nets.		Lines.		Weirs.		Freezers and Fish-houses.		Number
		Canoes.	Value.	Gasoline	Value.	Men.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	
1	From Huntingdon, Soulanges, Beauhar-																1
2	nois, Vaudreuil and Lake St. Francis ..	60	600			60					400	200					2
3	Lake St. Louis ..	20	200			20					400	200					3
4	Laprairie ..	10	100			20	10	30	1	5	25	25					4
5	Chambly ..	25	250			50					100	50					5
6	Verchères ..	10	100			20					100	50					6
7	Richelieu ..	30	300	2	200	34					400	200					7
8	Yamaska ..	60	600	2	20	74					500	250					8
9	Nicolet ..	50	500	2	200	54	800	400	1000	5000	250	125					9
10	Champlain and St. Maurice ..	60	600			60	60	180	200	250	500	250					10
11	Maskinongé and Berthier ..	60	600			60	200	600	800	4000	500	250					11
12	L'Assomption and Terrebonne ..	25	250			25					250	125					12
13	Laval and Lake of Two Mountains ..	50	500			50					500	250					13
14	Hochelaga and Jacques-Cartier ..	25	250			25					300	150					14
	Bellechasse ..	48	1140			48							24	16754	23	2500	
	Totals ..	533	5 990	6	600	600	1070	1210	2381	11905	4225	2125	24	16754	23	2500	

RETURN showing the Quantities and Values of all Fish caught and marketed or consumed locally, from the boundary line, County of Huntingdon to Bellechasse on the South Shore, and from County of Portneuf to County of Soulanges, inclusive on North Shore, in the Province of Quebec, during the year 1912 to March 31, 1913.

Number.	Fishing Districts	Salmon, * cwt.		Salmon, value.		Trout, cwt.		Trout, value.		Whitefish, cwt.		Whitefish, value.		Bass, cwt.		Bass, value.		Pickarel, cwt.		Pickarel, value.		Pike, cwt.		Pike, value.		Sturgeon, cwt.		Sturgeon, value.		Eels, cwt.		Eels, value.		Perch, cwt.		Perch, value.		Maskinonge, cwt.		Maskinonge, value.		Shad, cwt.		Shad, value.		Mixed fish, cwt.		Mixed fish, value.		Number.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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1	Lake St. Francis and Tributaries	

* Cwt. = 100 lbs. † "Mixed Fish" includes catfish, greyling, bull-heads, goldeyes and onananche.

SESSIONAL PAPER No. 22

RECAPITULATION

Of the Yield and Value of the Fisheries of the **Inland Fisheries** of the Province of
Quebec, during the Year 1912-13.

Kinds of Fish.	Quantity.	Value.
		\$
Salmon	*Cwts. 145	1,946
Trout	" 1,240	13,830
Whitefish	" 509	5,090
Bass	" 1,005	12,856
Pickereh.	" 1,423	14,230
Pike	" 855	5,008
Sturgeon	" 1,742	9,749
Eels	" 3,167	16,087
Perch	" 1,722	8,610
Maskinonge	" 107	1,214
Herring	" 11,500	5,750
Shad (fresh)	" 297	2,606
Mixed Fish	" 4,868	18,874
Total		115,850

*Cwts. 100 lbs.

RECAPITULATION

OF the Number and Value of Vessels, Boats, Nets, Traps, &c., used in the Fisheries of the **Inland Fisheries** of the Province of **Quebec**, during the Year 1912-13.

	Number.	Value.
		\$
Boats (gasoline).....	6	600
" (sails) and row.....	792	10,415
Gill-nets	1,101	2,010
Seines and other nets	2,682	17,460
Lines.....	4,461	9,290
Freezers and Ice-Houses.....	58	3,200
Smoke and Fish-houses.....	20	700
Weirs.....	24	16,750
Total.....		60,425

Number of men employed in Boats	881
Number of persons employed in Fish-Houses, Freezers, &c.....	25
	940

SESSIONAL PAPER No. 22

RECAPITULATION

Of the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh dried, pickled, canned, &c., state, for the **Whole** Province of **Quebec**, during the Year 1912-13.

Kinds of Fish.	Sea Fisheries.				Inland Fisheries.		Marketed, Both Fisheries.		Total Marketed Value.
	Caught and landed in a Green State.		Marketed.		Caught and Marketed				
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	
		\$		\$		\$		\$	
Salmon.....cwt.	8,916	87,236							
" used fr. and frozen "			7,834	94,008	145	1,946	7,979	95,954	
" salted....."			886	7,088			886	7,088	103,042
Lobsters....."	50,450	151,350							
" canned.....cases.			20,139	362,502			20,139	362,502	
" shipp. in shell. "			145	725			145	725	363,227
Cod.....cwt.	478,573	239,286							
" used fresh....."			400	400			400	400	
" ship. green-salted "			12,655	31,637			12,655	31,637	
" dried....."			150,954	830,246			150,954	830,246	862,283
Haddock....."	6,426	3,212							
" used fresh....."			50	100			50	100	
" dried....."			2,125	7,537			2,125	7,537	7,637
Hake and Cusk....."	3,480	1,740							
" " dried....."			1,160	3,480			1,160	3,480	3,480
Herring....."	358,709	195,197							
" used fresh....."			4,300	4,300	11,500	5,750	15,800	10,050	
" smoked....."			4,250	8,500			4,250	8,500	
" pickled.....brls.			25,223	126,115			25,223	126,115	
" used as bait....."			73,140	109,710			73,140	109,710	
" " fertilizer "			61,979	30,989			61,979	30,989	285,364
Mackerel.....cwt.	11,786	58,930							
" used fresh " "			20	200			20	200	
" salted.....brls.			3,922	62,752			3,922	62,752	62,952
Shad, used fresh.....cwt.					297	2,606	297	2,606	2,606
Capelin....."	17,464	4,366							
" used fresh.....brls.			17,464	4,366			17,464	4,366	4,366
Sardines.....brls.	266	133							
" used fr. and salted "			266	532			266	532	532
Halibut.....cwt.	504	4,032	504	5,040			504	5,040	5,040
Flounders....."	700	350	700	350			700	350	350
Smelts....."	4,019	24,114	4,019	32,152			4,019	32,152	32,152
Trout....."	627	6,270	627	6,270	1,240	13,830	1,867	20,100	20,100
Whitefish....."					509	5,090	509	5,090	5,090
Pickarel....."					1,423	14,230	1,423	14,230	14,230
Sturgeon....."					1,742	9,749	1,742	9,749	9,749
Bass....."					1,005	12,856	1,005	12,856	12,856
Eels....."	399	1,995	399	1,995	3,167	16,087	3,566	18,082	18,082
Tom-cod....."	255	255	255	255			255	255	255
Pike....."					855	5,008	855	5,008	5,008
Mixed fish....."	6,030	12,060	6,030	12,060	4,868	18,874	10,898	30,934	30,934
Squid.....brls.	155	310	155	620			155	620	620

RECAPITULATION

OF the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state, for the **Whole** Province of **Quebec**, during the Year 1912-13—*Continued.*

Kinds of Fish.	Sea Fisheries.				Inland Fisheries.	Marketed, Both Fisheries.		Total Marketed Value.
	Caught and landed in a Green State.		Marketed.		Caught and Marketed.			
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity	Value.
		\$		¢		¢		¢
Perch cwt.					1,722	8,610	1,722	8,610
Clams and Quahangs "	1,614	3,223						
" used fresh "			1,614	6,456			1,614	6,456
Maskinongé "					107	1,214	107	1,214
Tongues and Sounds "			90	450			90	450
Whales No.	90	63,000						
Hair seal skins "			16,165	20,206			16,165	20,206
Beluga skins "			47	235			47	235
Fish oil gals.			134,957	40,487			134,957	40,487
Whale oil "			149,310	44,793			149,310	44,793
Guano tons			311	10,885			311	10,885
Whale bone "			11	4,950			11	4,950
Totals		857,064		1,872,391		115,850		1,988,241

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RECAPITULATION

Of the Number of Fishermen, etc., and of the Number and Value of Fishing Vessels, Boats, Nets, etc., in the **Whole** Province of **Quebec**, for the Year 1912-13.

	Number	Value.
		\$
Vessels	30	28,250
Boats (sail)	4,994	232,211
" (gasoline)	132	41,875
Tugs, Smacks, etc.	7	49,400
Gill Nets	12,789	152,151
Seines	2,916	37,655
Trap and Sack Nets	435	77,725
Weirs	193	29,970
Trawls	1,468	7,340
Hand Lines	20,977	21,142
Lobster Traps	113,934	105,445
Lobster Canneries	115	84,690
Freezers and Ice-houses	321	28,640
Smoke and Fish-houses	1,521	343,975
Piers and Wharves	263	146,685
Whale Factory	1	50,000
Total value		1,440,114
Number of men employed on Vessels and Tugs		170
" " " Boats		9,247
Number of persons employed in Fish-houses, Freezers, Canneries, &c.		1,969
		11,386

APPENDIX No. 7.**ONTARIO**

DISTRICT No. 1.—COMPRISING RAINY RIVER, THUNDER BAY, PARRY SOUND, &c., DISTRICTS. INSPECTOR, T. J. FOSTER, SAULT STE. MARIE, ONT.

DISTRICT No. 2.—COMPRISING PART OF THE COUNTY OF BRUCE, THE COUNTIES OF HURON, LAMBTON, ESSEX, KENT, ELGIN, &c., AND LAKES HURON, ST. CLAIR AND ERIE. INSPECTOR, O. B. SHEPPARD, TORONTO, ONT.

DISTRICT No. 3.—COMPRISING LAKE ONTARIO AND THE EASTERN COUNTIES OF THE PROVINCE. INSPECTOR, J. S. HURST, BELLEVILLE, ONT.

N. B.—The fisheries of Ontario are administered by the Provincial Government. This Department merely exercises a general supervision.

REPORT ON THE FISHERIES OF DISTRICT No. 1.

To the Superintendent of Fisheries,
Ottawa.

SIR,—I have the honour to submit my report on the fisheries of the north-western division of the province of Ontario, for the fiscal year 1912-13.

As far as I have been able to ascertain, I find that the laws are being generally enforced and there seems to be a general disposition on the part of sportsmen and licensed fishermen for a better voluntary observance of the laws. Owing to this observance especially during close season, there has been a general increase in commercial fishing.

I have caused the removal of a number of dams and other obstructions in the Chippewa and other rivers. A fishway has been constructed, under my supervision, in the Thessalon river and there has been a consequent increase in the game fisheries in these waters.

I regret that no action has been taken in regard to making a close season for Rainbow trout. They are getting to be numerous in the Sault rapids but in a few instances are being wantonly destroyed in spawning season.

The patrol boat *Kathleen* was found unsuitable for the work, and has been disposed of.

I still believe that a better patrol system should be established and maintained, especially along these International waters. The poachers come chiefly from the United States and a swift boat is required to maintain a proper service, especially during close season.

As the Provincial officers are also game wardens and are very busy during that season, I find they are not able to give the fisheries the attention they should have at that particular season.

I am, Sir,

Your obedient servant,

T. J. FOSTER,

Inspector of Fisheries.

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REPORT ON THE FISHERIES OF DISTRICT No. 2.

To the Superintendent of Fisheries,
Ottawa.

DEAR SIR, —I have the honour to submit my report on the fisheries of my district for the fiscal year 1912-13.

The angling or sportsman fishing shows a slight falling off in the waters to which there is easy access from the cities and towns, but in waters more remote the fishing is reported to be as good as in former years. I am pleased to report that the much talked of carp has not proved nearly as dangerous as anticipated and that large quantities are being shipped to New York and other American cities and sold at prices ranging from four to six cents per pound and in some cases even more, the demand for them is also increasing in Canada, especially in the large cities and I am inclined to think that as people learn to prepare and cook them in different ways that this demand will gradually increase as the prejudice against their use as a food is gradually wearing away.

I would not, however, recommend any close season for carp at the present time, as they are very prolific breeders and increase very rapidly and I think will reproduce themselves to such an extent that very little diminution of their numbers may be looked for, even with an all year open season and every facility given fishermen to take them.

The law is being fairly well enforced by the provincial authorities, but I think too many licenses are being issued in some districts and am strongly of the opinion that the use of the seine should be entirely done away with except for catching carp, as it is certainly the most destructive method of catching fish.

I am, Sir,

Your obedient servant,

O. B. SHEPPARD,

Inspector of Fisheries.

REPORT ON THE FISHERIES OF DISTRICT No. 3.

To the Superintendent of Fisheries,
Ottawa.

SIR,—I have the honour to submit my report on the fisheries of eastern Ontario for the fiscal year 1912-13.

Commercial fishing for such as suckers, pike, bullheads and coarse fish, was very good in the spring of 1912. Commercial fishing for whitefish was hardly up to the average in the Bay of Quinté, owing to the continued rain and muddy water. I have had numerous complaints from residents living inland or around inland lakes that the large numbers of coarse fish which frequent the waters have in some places almost exterminated the game fish.

I have visited nearly all the important fisheries in my district and found the fishermen very much pleased at what the Department is doing in the way of restocking, in fact I was informed by some old fishermen, that the whitefish are more plentiful than they were twenty years ago. I would be pleased to see more hatcheries, especially

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one on the Bay of Quinte. In my opinion the fry that are deposited in the Bay of Quinte each spring are sufficiently matured to be able to take care of themselves by the time they reach lake Ontario.

I am pleased that the Department continues to give attention to the question of fishways through dams; it affords better fishing inland, by allowing the fish to ascend to the natural spawning grounds. I was also pleased to see that the taking of lunge and trout through the ice was prohibited. It is my opinion that a close season for pickerel from December 15 to May 15 would be beneficial, also that the close season for salmon or grey trout in the inland lakes should commence October 15.

Owing to the wet, cold season of 1912, the tourist trade was hardly up to the average, although anglers enjoyed splendid bass fishing in the fall.

The law in my district has been very well observed. I have had the hearty support of the officers of the local government in suppressing any irregularities.

I am, Sir,

•
Your obedient servant,

J. S. HURST,

Inspector of Fisheries.

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SUMMARY

Of the Yield and Value of the Fisheries in the whole Province of **Ontario**, during the year 1912.

Kinds of Fish.	Quantity.	Value.
		\$
Trout.....	*cwts. 63,707	592,769
Whitefish....	" 58,897	567,809
Herring.....	" 170,677	853,394
Pickrel.....	" 26,656	266,561
Pike.....	" 24,732	197,856
Sturgeon.....	" 3,092	46,385
Eels.....	" 2,525	15,155
Perch.....	" 13,931	69,659
Tullibee.....	" 4,319	25,917
Cat-fish.....	" 6,320	50,567
*Mixed Fish.....	" 35,670	146,736
Caviare.....	" 95	9,543
Bladders.....	No. 876	526
Totals.....		2,842,877

*Cwts. = 100 lbs.

†Mixed fish includes Carp, Buffalo fish and Dog fish.

SUMMARY

Of the Number and Value of Vessels, Boats, Nets, Traps, etc., used in the Fisheries in the whole Province of **Ontario**, during the year 1912.

	Number.	Value.
		\$
Tugs (3,388 tons).....	197	449,675
Boats (gasoline, sail).....	1,651	183,030
Gill-nets,.....	96,970	678,796
Seines and other nets.....	1,766	269,824
Lines (of 100 hooks each)	402	1,962
Spears	226	423
Freezers and Ice-houses	458	167,967
Piers and Wharves (private).....	101	56,733
Totals.....		1,808,424

Number of men employed in Tugs..... 792

" " Boats..... 2,812

3,604

APPENDIX No. 8.**MANITOBA****REPORT ON THE FISHERIES OF THE PROVINCE.**

To the Superintendent of Fisheries,
Ottawa, Ont.

SIR,—I have the honour to submit my report on the fisheries of Manitoba for the year ended March 31, 1913, together with statistical returns, showing the yield and value of fish, and the material, etc., used.

The summer fishery in Lake Winnipeg was very good, and all the companies, with one exception, had their allotted amount before the 15th of August. The fish were of good quality and of good size.

Winter fishing on Lake Winnipeg was not very successful; a north-west storm broke up the ice about the first of January, and caused a great loss of netting to the fishermen. The winter catch in the Pas district was very good. The local officer, as a result of careful inquiries of the Indians, is enabled to report a decided improvement everywhere.

The fishing in Clearwater Lake was better than ever before. This is the first year that Sturgeon Lake and Rock Lake have been fished. They both gave good results. The quality of the whitefish taken from these lakes was described as splendid.

The catch of whitefish in Lake Manitoba was less than in the previous year; but the catches of pickerel and all other kinds are about equal to those of last year.

The fishery in Lake St. Martin was far below the average; in fact it did not pay to fish it during the winter. This lake in my opinion should be closed to commercial fishing for some years. It is at the head waters of the Little Saskatchewan river, and therefore forms a great spawning place for whitefish.

I find that the fisheries regulations are being very well observed by the fishermen. There was some trouble last spring with illegal fishing at the St. Andrews Locks; also on the Little Saskatchewan spawning grounds, where a quantity of fish was seized. There has been no trouble so far with regard to the size of mesh. Overseers throughout the district report that the ice was kept clean of all refuse during the fishing season.

The following report from Fishery Officer Settee, may be of interest: 'A short time ago I visited Bear, Pelican and Sturgeon Lakes. Bear Lake is a good fishing lake, but there was very little fishing carried on there this winter. The people in the vicinity live mostly by hunting in the winter; but some winters when fur-bearing animals are not very plentiful, I find that a number of Indians live by fishing in the lake. Bear Lake is thirty miles long by twelve miles broad, with an average depth of from eight to ten fathoms.

Pelican Lake has never been fished in for commercial purposes, as the people living in that part of the country have not asked for any licenses. When I was out there I found that traders at Pelican Narrows every fall hired the Indians to catch whitefish during the winter. The fish are all hung and sold.

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Pine Island Lake is of fairly good size but shallow, averaging 5 feet in depth. It is good only for fishing in summer, especially for sturgeon.

There are some other big lakes north of Sturgeon Lake, which abound with fish. The chief ones being Goose Lake, Rocky Lake, Cold Lake, Cranberry Lake and Ayapapisoon Lake.'

I am, Sir,

Your obedient servant,

J. A. HOWELL,

Inspector of Fisheries.

RETURN showing the Number of Fishermen, &c., the Number and Value of Tugs, Vessels and Boats, and the Quantity and Value of all Fishing Gear and other Material, used in the Fishing Industry in the Province of Manitoba, during the Year 1912-13.

Numbers.	Fishing Districts.	Tugs and Vessels.			Boats.				Gill-Nets.		Lines.		Freezers and Ice-houses.		Smoke and Fish-houses.		Piers and Wharves.		Persons employed in Freezers, Fish-houses, &c.	Numbers.
		Number.	Tons.	Value.	Men.	Skiffs and Sail Boats.	Value.	Gasoline.	Value.	Men.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.		
1	Lake Winnipeg	8	577	75000	80	263	21950	1	1000	367	2944	29440	50	42500	50	25000	12	9100	200	1
2	Red River					34	340			52	260	1560								2
3	Lake Winnipegosis.									255	2033	20330			6	6000			20	3
4	" Waterhen									9	90	900								4
5	" Dauphin									16	36	360			1	100			1	5
6	" Manitoba									184	1840	18400			5	750			10	6
7	" St. Martin.									77	616	6160								7
8	Dog Lake.									10	10	100			1	100				8
9	Moose Lake.									28	280	2800							1	9
10	Clearwater Lake.									10	150	1500								10
11	Cormorant Lake.									1	15	150								11
12	Cedar Lake									24	24	240								12
13	Sturgeon Lake.									6	60	600								13
14	Rocky Lake, Northern Man.									1	15	150								14
15	Big Sask. River, Northern Man.									300	300	3000	1	5000	2	1000			4	15
	Totals.....	8	577	75000	80	297	22290	1	11000	1340	8673	85690	51	47500	65	32950	12	9100	236	

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RETURN showing the Quantities and Values of all Fish caught, and marketed or consumed locally, for the County of Selkirk, Province of Manitoba, during the Year 1912-13.

Numbers.	Fishing Districts.	Trout, cwts.	Trout, value.	Whitefish, cwts.	Whitefish, value.	Bass, cwts.	Bass, value.	Pickarel, cwts.	Pickarel, value.	Pike, cwts.	Pike, value.	Perch, cwts.	Perch, value.	Tullibee, cwts.	Tullibee, value.	Mixed Fish, cwts.	Mixed Fish, value.	Numbers.
1	Lake Winnipeg (summer)			21145	148015	16	80	8663	43315	2074	6222	40	200	1372	2744	12160	27720	1
"	" (winter)			10830	75810			6580	33400	2314	6342	309	1545	7038	14076	600	2700	2
2	Red River (summer)			11014	77098			8650	43250	13014	39042					500	24800	3
3	Lake Winnipegosis (winter)			246	1722			313	1565	90	270					950	25744	4
4	"			12	84			331	1655	335	1065			60	120	350	2400	5
5	"			1780	12460			7850	39250	11520	34560	36	180			9750	15750	6
6	"			958	6706			205	1025	135	405					2700	28000	7
7	St. Martin			20	140											750	2250	8
8	Dog Lake			49	343			144	720	120	360					150	450	9
9	Moose Lake			96	672											3750	10750	10
10	Clearwater Lake			10	70											750	2250	11
11	Cormorant			50	350											700	2100	12
12	Cedar			21	147			40	200							925	2775	13
13	Sturgeon			108	756			18	90	20	60					2200	6600	14
14	Rocky							34	170	38	114					850	2550	15
15	Big Sask. River			540	3780											600	1800	16
16	Rock Lake			171	1197			104	520	95	285					12534	34190	17
17	Turtle Mountain District															150	450	18
18	Riding															400	1200	19
19	Lakes Cross, Falcon, Hawke, Forbes and No. 10, ...															300	900	20
Totals		266	1862	48439	330073	16	80	33044	165220	29770	89810	385	1925	8470	16940	6854	185730	

Quantity consumed in Canada, 83,990. Quantity exported to United States, 114,751.
* Cwts. = 100 lbs. † Mixed Fish includes catfish, grayling, bull heads, goldeyes, and cormorants.

RECAPITULATION

Of the Yield and Value of the Fisheries in the Province of Manitoba, during the
year 1912-13.

Kinds of Fish.	Quantity.	Value.
		\$
Trout..... *cwt.	266	1,362
Whitefish	48,439	339,073
Bass	16	80
Pickrel	33,044	165,220
Pike.....	29,770	89,310
Perch.	385	1,925
Tullibee.....	8,470	16,940
Mixed Fish ...	68,351	185,739
Totals		800,149

*Cwts. = 100 lbs.

RECAPITULATION

Of the Number and Value of Vessels, Boats, Nets, Traps, etc., used in the Fisheries in the Province of **Manitoba**, during the year 1912-13.

	Number.	Value.
		\$
Vessels, (tonnage 577).....	8	75,000
Boats (gasoline).....	1	1,000
Boats, sail boats and skiffs.....	297	22,290
Gill-nets.....	8,673	85,690
Lines.....	82	164
Freezers and Ice-houses.....	51	47,500
Smoke and Fish-houses.....	65	32,950
Piers and Wharves (private).....	12	9,100
Totals.....		273,694

Number of men employed in Vessels and Tugs	80
" " Boats and Fishing from shore	1,340
Number of persons employed in Fish-houses, Freezers, etc.	236
	<hr/> 1,656

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APPENDIX No. 9.**SASKATCHEWAN AND ALBERTA****REPORT ON THE FISHERIES OF THE PROVINCES, BY CHIEF
INSPECTOR E. W. MILLER, FORT QU'APPELLE.**

To the Superintendent of Fisheries,
Ottawa.

SIR,—I have the honour to submit the following reports on the fisheries of the Provinces of Saskatchewan and Alberta for the fiscal year 1912-1913, together with statistical returns showing yield and value of fish, and amount, etc., and value of material used.

At the beginning of the year a reorganization of the fishery service in these provinces took place in consonance with the recommendations made by the special Fishery Commission which sat in 1910-11, under which I became responsible for the oversight of both, having the assistance of an inspector for northern Saskatchewan stationed at Prince Albert, and of an inspector for northern Alberta stationed at Edmonton. At the same time a new set of Fishery Regulations was brought into force which differed materially from those previously in force.

This reorganization had been made with the view of giving the waters in the settled portions of the provinces that increased measure of protection which the development of the country had made imperative, and also to make provision for the gradual extension of the districts in which the regulations are actively enforced. Many lakes in former years, fished only by a small resident population for immediately local use, are now called upon to supply fish for the provincial and other markets and the older regulations had been found ill-adapted to the changed conditions.

The new regulations shortened considerably the fishing seasons on the lakes which heretofore have been supplying the larger part of the whitefish taken for market purposes, investigation having shown that there was a danger of their exhaustion if additional protection was not given in the spawning season. This restriction together with the larger fee now charged for a license to fish for market purposes, has very much diminished the catch at these lakes during the past year. In many cases men who had for many seasons become accustomed to easily making large catches in the shallow waters during the earlier part of the winter, but who were not sufficiently practical fishermen to fish advantageously under the more difficult conditions of the later season, refrained from taking out licenses. This has notably affected the catch in the Battleford lakes and Cold and Primrose lakes.

A clear distinction is made by the new regulations between those who fish for sale and those who fish merely for their own household use; the former class pay \$5.00 for a fisherman's license and the latter \$2.00 for a domestic license. In several of the smaller southern lakes it has been found expedient to restrict the fishing with nets to that done under domestic licenses, for it will be readily understood that two or three men fishing for the market will be a bigger tax on the lake than ten times as many who fish merely for their own use. In such small lakes where only a small catch

can be made even in the aggregate it is the aim to give as many of the settlers as possible some benefit from the fishing rather than to allow a few market fishermen to profit more largely.

Transport charges on fish that have to be freighted a long distance to a railway shipping point make a big difference in the value of fish caught in the more distant lakes; this combined with the difficulty and expense of reaching more remote fishing grounds naturally made most of even the real fishermen prefer to remain on the lakes easier of access though the catches ran much smaller. The effect of the new regulations in lengthening the close season on the southern lakes will thus prove an incentive to those who really wish to make fishing their winter's work, to move on to the larger northern lakes where the season opens at an earlier date, and the longer season compensates for the smaller price obtainable for the catch at the lakes. It must be remembered however that most of the men who fish in these provinces are only incidentally fishermen, and often not in a position to move far away from their farms though anxious to profit by the fishing in the winter season; this expectation of winter work has often been an inducement to them to locate in the neighborhood of a lake.

These facts bring up a question with which there is great difficulty in dealing satisfactorily. There are a few good fishing lakes which are now well situated in regard to railway facilities for placing fresh caught fish on the markets of our cities and towns in the summer season, but only a few. Jackfish, Muray, Stony, and Long lakes in Saskatchewan and Wabamun lake in Alberta might be specially mentioned in this connection. These lakes have been in the past and would continue to be extensively fished in the winter season by settler residents who, generally speaking, have neither the time nor wish nor necessary expertness to fish in the open water season. Moreover it is necessary for the success of a summer fishery that it be carried on with much more regularity than is found absolutely necessary in the winter fishery when the catch is naturally preserved and might be marketed at any time. In the summer, supplies of ice must be available, cleaning and packing must be expertly done, rapid transport to the railway point must be provided, and above all to secure a steady and profitable market the retailer must be assured of a regular supply at fixed intervals. These considerations therefore necessitate that the summer fishery business must fall into the hands of men prepared to make it their sole occupation and conduct it on business principles. The settler fisherman resident near the lakes however resents the idea that a few professional fishermen should carry on such a business in the summer season when he himself does not wish nor have time to fish, feeling (quite rightly) that it will deprive him of his winter's fishing eventually; for it must be admitted that these lakes are not capable of long sustaining both an extensive summer and winter fishery. There is little prospect of other lakes being brought within sufficiently close connection with a railway to give a summer supply and even when they are, similar conditions will prevail.

The decision of this question as to whether summer fishing is to be encouraged on the lakes mentioned, involves therefore either the sacrifice of what the residents near the lakes consider their special privilege or the absence from the provincial markets of all but a most paltry supply of home caught fresh fish at that time of the year. There is certainly a keen demand for such fish then and they would readily retail at from 12 to 15 cents per lb.; nor would the closing of these lakes for winter market fishing lead to any shortage in the provincial markets in that season when matters were settled down, for more than they would supply was sent out of the province this year. In the interests of the provinces as a whole I am of opinion that preference should be given to the summer fishing even though the interests of some of the residents in the vicinity of the lakes in question will be adversely affected. It must be remembered that the fact that they are now placed within easy touch of railways implies that the residents are no longer so dependent on the fisheries as may have been the case in the earlier days of settlement.

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Last summer the only fresh caught fish that were marketed at any distance from place of capture were those caught at Wabamun Lake, Alta., which were sent to Edmonton, Calgary, Saskatoon, Regina, Moosejaw and many minor points; with much smaller quantities caught at Stony Lake and Long Lake, Saskatchewan, sent to Prince Albert and Regina principally. This supply was by no means adequate to the demand, three or four times as many could readily have been disposed of. The success of this fishery at Wabamun Lake led to much local agitation, based on the grounds I have above detailed. No summer caught fish were sent out of the provinces.

The provincial markets were not so well supplied with fish this past winter as in the previous year though it will be noted that shipments of nearly 300,000 pounds were made to Manitoba points and 48,000 pounds directly to the United States; to the latter country too, no doubt, much of that shipped to Manitoba in the first place was reshipped. It may be considered odd that fish should be shipped away when the home demand was inadequately met, but I would point out that in the winter of 1911-12, some of the provincial cities were glutted with fish that had to be sold at unremunerative prices and thus the larger dealers can scarcely be blamed for making contracts for part of their output in a more certain market. The home deficiency really arose from the very small catch at Jackfish and Turtle Lakes; the reason for which has already been given. The shortage was more felt in Alberta than in Saskatchewan for the catch in the first named province is not nearly sufficient to meet the demand and has to be supplemented by supplies from Northern Saskatchewan.

Until local enterprise takes up more efficiently the matter of distribution there is little prospect that our smaller towns and villages will be properly supplied with fish, inasmuch as the buyers handling the winter caught fish on a large scale prefer contracting for the sale in car lots rather than to find customers at local points who can deal only in small lots. Moreover the freight on small quantities so raises the price that there is but little demand and few local merchants seem to care to handle fish.

In the Lac Ste. Anne and Lac La Biche districts of Alberta various relaxations of the regulations have been made from time to time in favour of the old established settlements of halfbreeds there resident, and the full enforcement of the close season was much petitioned against this past winter. As it was felt that the new regulations had scarcely become thoroughly known in these localities and there appeared reason to think that some hardship would be caused if so radical a change as full enforcement of a longer close season was carried out at once, a certain amount of fishing for daily use was allowed. But these districts are now being opened up, the demand on the lakes is not confined to the same limited area as before nor are the residents compelled to rely on fishing for their actual livelihood. Under these changed circumstances to afford the greatest good to the greatest number and to maintain the lakes well stocked with fish, it is unquestionable that the fishing should be restricted solely to the proper seasons so that more could enjoy the privilege of fishing then.

The claim is made as pointed out by the inspector of the district, that fish cannot be taken later in the winter than the spawning season, but experience elsewhere where similar statements have been made shows that the difficulty disappears when proper energy and methods are employed.

In the Lesser Slave Lake conditions are somewhat the same: Indians and halfbreeds have long been accustomed to take spawning fish in the fall to stock for winter use, and say that they will starve if prevented from so doing. If no other fishing was done the lake might possibly have withstood this damaging course indefinitely it being so large comparatively to the number of residents. But if a supply of fish for the benefit of other parts of the province is to be obtained from here, of necessity the lake must receive full protection in spawning time, and the Indian Department must otherwise provide for their charges than by permitting them to think that fishery regulations do not apply to them.

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The evidence from fishery officers in many parts leaves no doubt but that the Indians are not instructed by their agents that they are subject to the restrictions imposed by the regulations, but that they are often on the contrary given to understand that they need not pay attention to them and this conflict of authority makes it difficult for all concerned.

Lesser Slave and Island or Calling lakes in Alberta and Lac la Loche, Ile la Crosse lake and Lac-la Ronge in Saskatchewan represent at present the most remote districts in which any regulation of the fisheries is attempted. Beyond those points the fishing is done entirely for local consumption and vast water areas and very limited population render any restrictions unnecessary. An extension of railway facilities to Fort McMurray on the Athabasca river is however expected in the near future and when that occurs, no doubt attempts will be made to open a fishery for the outside market at Athabasca lake, which should afford a splendid source of supply.

I am indebted to Mr. J. C. Melville, F.R.G.S., for a most interesting report on the fish of the Great Bear lake in the far north of which I give here a brief epitome. Mr. Melville spent two seasons in that district and speaks from close personal observation.

Great Bear lake has an area of 12,000 square miles and is, as far as ascertained, of very great depth. Its waters which rarely rise above 40 degrees F. in temperature are of extraordinary clearness with no weed except in some of the bays. The bottom is of rock and sand. The lake begins to freeze over in October and is completely frozen before Christmas, the ice attaining a thickness of between six and seven feet. It is rarely free of ice before the middle of July. About 150 Slave and Dogrib Indians compose the permanent residents of the district and twenty or thirty Eskimo families visit the eastern shores in fall for the hunting though they do not fish. The Great Bear lake fish are freshwater herring, trout, grayling or bluefish, whitefish, jackfish, tullibee, suckers and ling and they are in that order of importance. The herring is similar to that caught on lake Erie, sometimes called the salmon herring or lesser whitefish. It is caught throughout the year in gill nets of 2½ or 3-in mesh and forms the chief food of the Indians. As many as 500 have been taken at once in a sixty yard net but about twenty is the average catch. The weight is about 1½ lb., sometimes reaching 21 lbs. At least 150,000 of these are caught in the year.

Lake Trout (*Salvelinus Namaycush*), attain the greatest size and finest condition in this lake, averaging twenty pounds: one weighed 49½ pounds and larger have been seen. There are two species; one a dark green scaled fish with orange coloured fins, and pink flesh, the other silver scaled with yellow flesh. The former is much preferred for eating. They appear to spawn in August when a big catch is made for drying purposes. They are caught in gill nets, also with hook and line as they take a bait very readily.

The bluefish, back's grayling or arctic trout, weighs about a pound and is found in abundance both here and in all other waters of the Barren Lands. It is most easily caught with either bait, spoon, fly, or in nets and though not in great demand for food at ordinary times forms an unfailing resource when other supplies fail.

Whitefish do not appear to be plentiful in the waters that are fished and little reliance is placed on a catch of them at any time. They average from 3 to 4 pounds weight and have been caught up to ten pounds.

The other fish named are not esteemed for food and no effort is made to catch them but they occur among the other fish captured. Each family puts up a few bales of dried fish from time to time but the supply of nets is so scanty that there is at most times very little excess caught over the daily demands for food. Some are disposed of to the furtraders and missionaries but even they can not always obtain a sufficient supply from the Indians. Nets were formerly made from willow bark but this is fast becoming a lost art only one or two of the old squaws now being able to make them.

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Mr. Melville is of opinion that with a good and effective steamboat service on the McKenzie river and introduction of modern means and methods of catching and curing fish, the Great Bear and Great Slave lakes will eventually prove of very great economic value to the western provinces.

SOUTH SASKATCHEWAN

In Southern Saskatchewan, for the reasons already set forth, there can be no great increase in the amount of net fishing. A surprisingly large number of people however now take up their residence for a portion of the summer on the shore of the various small lakes and the quantity of jackfish and pickerel caught by those visitors is forming a very large proportion of the total catch in these waters. Fortunately these fish are most prolific and there is little danger of the supply becoming deficient. To the neophyte this fishing gives great pleasure but there is a very general demand that these lakes of popular resort shall be stocked with fish that will afford more real sport, and public opinion will not be satisfied until the feasibility of stocking them with some species of bass has been given a prolonged trial under the most favourable conditions possible.

On Devil's, Fishing, Round, Crooked, Pelletier and other lakes similarly situated, net fishing is now restricted to that done under domestic licenses and it must now be taken into serious consideration whether all fishing with nets should not be barred during the open water season. Only a very small number of persons would be adversely affected by this and when interests conflict as they certainly do in regard to the fishing on many of our lakes, it seems right that the benefit of the many should prevail over that of a few. Some of these lakes carry whitefish and tullibee as well as jackfish, pickerel and perch: the first named two can of course be caught only in nets and in these lakes it would be right to continue the issue of net licenses for the winter season.

On Long Lake almost the same number of licenses was issued as last year but on the whole there was not so much winter fishing done and as the season closed earlier the total catch was not so large. Overseer Hunter reports that the average catch per net showed no diminution and that the fishermen were satisfied with the results of the season. Prices were high as the uncleaned fish fetched from five to eight cents a pound on the ice. Part of the catch goes to the cities of Regina, Moosejaw and Saskatoon but the larger quantity is retailed in the smaller towns in the neighbourhood of the lake. There is not much net fishing done in the open water season though there would soon be if it were deemed advisable to grant summer licenses to a few expert fishermen from the outside. Some ice has been put up by local men for the coming summer but only on a small scale. This is one of the lakes where the question of giving summer fishing the preference even if against the wishes of local residents requires consideration for the markets of Regina and Moosejaw are within easy reach.

SOUTH ALBERTA

Several important changes had been made in the new regulations as affecting the trout fishing in the Southern Albertan streams: the extension of the close season to June 30th; the imposition of a fee of \$1.00 for an angler's permit to use rod and line; and the limitation of a day's catch. These changes met with general acceptance and public opinion in favour of their strict enforcement has been very keen. While the actual money value of the catch may not be very great, a day's sport of the kind afforded by these game fish appeals most strongly to a very large number of the public. It was realized that it lies in the power of a few unsportsmanlike and unscrupulous persons to effectually wreck the smaller trout streams by taking fish out of season and using illegal methods of fishing. Many complaints had been made of the danger of the waters being depleted by such practices in the absence of efficient guardians had been made and that the complaints were not groundless is shown by the number of successful prosecutions that took place in this district during the year. Despite the fact that the arrangements for the distribution of anglers' permits were not completed until the season was well advanced, twelve hundred and nineteen were issued of which ten were to non-residents. During the current year now that the regulations are better known and it is realized that they cannot be considered a dead letter, a much larger number will no doubt be in demand, the revenue so obtained going far to provide the necessary protective measures. A matter, however, that has called forth much adverse comment is the fact that much less stringent regulations were in force within the limits of the Dominion Parks and Forest Reserves which are under the control of the Department of the Interior. It was said, and not unreasonably, that if a resident of the province had to pay a fee for a permit to fish in its waters, it was scarcely fair that a casual visitor, perhaps not even a British subject, should be able to fish within the Park jurisdiction without paying any fee. Even more irritating to many was the fact that the season opened in the Parks six weeks before it did in the province generally. The feeling is not that the fishery regulations are too stringent but rather that the Park regulations for fishing ought not to be less so, particularly as the upper waters should have even a greater measure of protection than the lower. I have brought this matter before the proper authorities and I understand that it is the intention to remove the anomaly by bringing the park and forest reserve regulations bearing on fishing into consonance with our own. Such action is certainly very necessary.

It is very difficult to form even an approximate estimate of the catch of fish in these waters but Overseer Head from careful observations made during his trips throughout the district estimates it at not less than 80,000 trout and 8,000 grayling. He considers that after the regulations became generally known they were fairly well observed. The state of the streams during the close season was such as to afford a large measure of natural protection and consequently when the season opened the fishing was better generally than it had been for several years. The overseer reports that many anglers complained of the size of the tag issued to be attached to the rod and suggests that if the permit itself signed by the holder were to be produced on demand, the tag itself could be dispensed with. The mills in the district were visited and sawdust, &c., found to be satisfactorily disposed of. The overseer comments on the fact that in several cases where persons were found guilty of fishing without permits they were discharged with a caution by the justice dealing with the case. He received a few complaints of anglers exceeding the daily catch but found that these arose generally where campers in parties of three or four staying a few days on one stream had accumulated a number of fish though not over their collective legal quantity.

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Such comparatively distant localities are now brought within easy access from the towns, and visiting parties of anglers are able to so speedily go and return that it will be necessary to provide a number of resident guardians in order to prevent evasions of the regulations on the streams that are most frequented. It is evident too that these waters will require some artificial assistance by the provision of hatcheries if they are to support continuously the constantly increasing legitimate demand on their resources, for very few of the streams now retain the splendid supply remembered by anglers of early days though they may still provide good fishing as generally accepted.

In regard to the statistical return of boats, &c., I find that officers have varying ideas on what should be enumerated under this head. By far the greater part of the catch of fish in these provinces is made in the winter season through the ice. There are lakes giving a good output of fish with possibly scarcely a boat on them. On other lakes frequented by summer visitors there are large numbers of boats and gasoline launches totalling to a very large value and of course many of them are used for angling purposes from time to time but it would not be reasonable to return them as being used for fishing in its usual sense. In the northern districts every Indian and Halfbreed family possess its canoe or canoes which practically afford the only means of travel in the summer when their owners are pretty constantly on the move. These too are used for fishing but are not always enumerated as fishing boats.

It may be stated incidentally in this connection that the old birch boat canoe is fast disappearing and that it is now the ambition of all the natives to possess an imported canoe, very large numbers of which are yearly brought into the country and distributed by the fur companies at prices ranging from \$40 to \$100.

The number of boats therefore which can be said to be in use mainly for fishing purposes is but small and few of them of much value.

The classification of net licenses as provided for in the new regulations has answered well and though there has been a temporary falling off in the total number issued in the past year, the amount of revenue received for licenses and permits shows a large increase. It is to be feared that at least a portion of the catch made under domestic licenses does change hands for a consideration but there is no open marketing of such catch: the demand for fresh fish is very keen in the summer and people in the district near the lakes who do not visit the lakes themselves naturally feel that they should be able to get a fish or two from their neighbors who do.

LICENSES ISSUED 1912-13.

	Saskatchewan.	Alberta.
Domestic..	215	177
Fisherman's..	298	86
Commercial..	Nil.	3
Anglers' permits..	Nil.	1,209

It will be understood that anglers' permits are not required for pike, pickerel, perch, and goldeye fishing with rod and line and that consequently none are called for in Saskatchewan where they are the only kinds angled for.

The augmentation of the staff has enabled a better enforcement of the regulations and there were fifty-nine prosecutions during the year, convictions being obtained in all but three. Fines were imposed and collected to the amount of \$373 and a further \$230 was realized from the sale of confiscated fish.

The offences charged were as follows:—

Fishing in close season.. . . .	28
Fishing without license.. . . .	19
Use of illegal nets.. . . .	2
Spearing fish.. . . .	3
Taking undersized fish.. . . .	3
Exceeding maximum catch.. . . .	2
Constructing fish traps.. . . .	2
	<hr/> 59

Thirty-two of these cases arose in Alberta and twenty-seven in Saskatchewan. The convictions obtained will doubtless have an excellent effect in securing a closer adherence to the law in future seasons but it is observed that in one or two districts offenders have been fined for the second time and it is evident that in some cases the local Justices take too lenient a view of fishery offences and do not impose sufficiently large fines to act as a deterrent.

• Most valuable assistance was rendered by the officers and men of the R.N.W.M. Police especially by Superintendent Primrose and Inspector Belcher in the Pincher Creek and Crow's Nest district where the presence of a large mining population, many of foreign extraction and very keen on fish, demanded a great deal of attention.

As the question of hatcheries for these provinces has been for some time under consideration and arrangements for their construction at suitable points are now practically settled it is unnecessary to dwell upon it at the present time. It might be stated however that the demand for fry to be placed in small lakes scattered throughout the settled parts has become very large and though in many cases it is to be feared that the waters are not suitable for the varieties desired by the petitioners, there are many places which well warrant a trial at stocking. There are other lakes in which the demand for fishing privileges is so great that it is necessary either to provide for their artificial replenishment or to reduce the amount of fishing allowed. Much satisfaction will unquestionably be felt when the proposed hatcheries are carried through to completion.

Detailed reports from the northern Saskatchewan by Inspector G. C. MacDonald and of northern Alberta by Inspector J. D. Willson are herewith appended.

I am, Sir,

Your obedient servant,

E. W. MILLER,
Chief Inspector of Fisheries.

REPORT ON THE FISHERIES OF NORTHERN SASKATCHEWAN, BY INSPECTOR G. C. MACDONALD, PRINCE ALBERT, SASK.

To E. W. Miller,
Chief Inspector of Fisheries,
Fort Qu'Appelle, Sask.

SIR,—I have the honour to submit my first report on the fisheries for the northern portion of the Province of Saskatchewan for the year ended March 31st, 1913, together with statistical returns showing the yield and value of fish, the amount and value of equipment, etc.

I may say the weather conditions were not as favourable as in some former seasons. On some of the northern lakes ice formed to the depth of from four to five feet with about three feet of snow causing great inconvenience to the fishermen and much extra labour in opening fishing holes, and in fishing generally.

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The largest operations took place on the Isle La Cross lake when forty-four men licensed to kill fish caught a total of 732,000 pounds, 75 per cent of which were whitefish, averaging five pounds in weight. Some 80 per cent were cleaned and boxed, and brought 2 cents per pound on the ice. They were then hauled to Big river and shipped in car lots. The majority of the fishermen are residents of the district tributary to this lake. The whitefish killed on this lake were commanding $\frac{1}{2}$ cent per pound in advance of fish from any other lake in the district.

The lake next in importance is Dore lake with 22 licensed fishermen. About 70 per cent of the catch was whitefish. Overseer Beatty informed me that the best fishermen in his district, who are Icelanders, with considerable experience in fishing, operated on this lake. The quality of fish was much better than last season, owing probably to the great extent to which fishing operations had been carried on in former seasons.

La Plonge lake had a total of only 8 licensed men. This lake is the only lake in the district in which trout were killed for market purposes. There was only a small percentage of the catch hauled to the outside market, owing to the non-completion of a winter road connecting this lake with Dore lake, which is situated on the main road to the railway at Big river.

On Stoney lake and other minor lakes in this vicinity, including Dog lake, Sled lake and Ladder lake, there were 17 licensed fishermen who did not devote very much time to fishing operations. They caught some 53,000 pounds of fish, the bulk of which was consumed by Big River Lumber Company and citizens living in the vicinity of Big river. Only two men caught fish on Stoney lake during the winter season; this is reserved for summer fishing only and numerous fishermen were disappointed when informed that no winter fishing would take place.

During the summer season, a few men fished on Stoney lake, but owing to the shortage of ice, it was impossible to ship fish further than Prince Albert. On Candle lake and Trout lake some 20 men procured licenses to fish, but only about one half put their nets in the water.

The bulk of the catch at Trout lake was hauled to the lumber camps a distance of from 30 to 60 miles and brought an average of 5 cents per pound there. The men who fished on this lake informed me they only had their nets in the water half the time as they could not compete with the Fish Company selling fish on the Prince Albert market, and no other fish dealer offered to purchase their catch.

On Candle lake the catch was very small. I was on this lake at the beginning of the winter season and I witnessed nets being pulled out with only 10 to 12 fish of an average weight of 2 pounds. The total catch from this lake was marketed at Prince Albert, where 5 cents per pound was paid for whitefish.

In the Green lake no commercial fishing was carried on during the winter season. This was unsatisfactory to the settlers living around the lake; but on bringing the matter to your attention, it was decided to open the lake for commercial fishing in the following season for settlers in the locality. On being informed of this through overseer Beatty the residents were greatly pleased.

Lakes situated north of Battleford, such as Jackfish, Murray and Turtle, with numerous small lakes, were not fished to any great extent principally on account of the lateness of the closed season. The bulk of the fish caught were consumed locally and sold at $3\frac{1}{2}$ cents per pound on the ice. Only a small percentage were cleaned and boxed. Dealers purchased the catch at the fish holes on the ice.

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Lakes situated further north of Jackfish, namely Turtle, Loon, Bright Sand and Island were licensed to the extent of 39 men. The catch was principally consumed in the district, about 20,000 pounds were shipped to points in the southern part of the provinces. The decrease in the catch in this district was due principally to the lateness of the closed season and the inexperience of fishermen. The catch on the Saskatchewan river was estimated at 37,100 pounds which I consider not very accurate on account of the change of officers. I have made searching inquiries in regard to the killing of sturgeon on this river, and not one instance has been brought to my notice of any having been caught.

At Wakaw and fishing lakes the use of nets is restricted and only angling is allowed. I would strongly recommend that a dam be constructed on the Carrot river at the Wakaw lake to increase the supply of water in the lake during the summer season. Residents of the Wakaw lake district complain of the scarcity of fish during the last few years. This is said to be due to a dam constructed on the Carrot river near Kinistino, a point on the Canadian Northern Railroad, for the purpose of raising the water for the companies' water tank. I have recommended the erection of a fishway here.

The total catch in this district, with the exception of 48,000 pounds, which were shipped direct to the United States from the dealers at Big river, was consumed in Canada.

I may state that the greatest difficulty in the way of summer fishing on lakes north of Prince Albert is the impassable condition of the roads leading to the lakes. Stoney lake being the most convenient to the railroad is a desirable water for summer fishing, but owing to the trail leading to this lake, a distance of some 6 miles, being in such a bad condition, the cost of hauling the fish to Big river is great, consequently the price to the consumer is increased considerably.

Jackfish and Murray lakes are situated more conveniently to the railroad than any other waters in the northern portion of the province for summer operations.

The Fish Company with its head office at Big river, that has purchased practically the total catch from waters north of that point, would have no difficulty in disposing of double or treble the quantity handled during the past winter.

In conclusion I would point out the necessity for inducing fishermen of some experience from the southern portion of our province to devote the winter season operating nets on some of the large lakes in the north of the province. If this were done, I am satisfied that fishermen would find it profitable, and settlers living on the Prairie portion of the province, would be benefitted, as at the present time fish are looked upon as a luxury, on account of the high price the retailers demand during the short season of the year in which fish can be purchased, in the frozen state, in the more remote parts of the province.

I am, Sir,

Your obedient servant,

G. C. MACDONALD,

Inspector of Fisheries.

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REPORT ON THE FISHERIES OF NORTHERN ALBERTA BY INSPECTOR
J. D. WILLSON, EDMONTON, ALBERTA.

To E. W. MILLER, Esq.,
Chief Inspector of Fisheries,
Fort Qu'Appelle, Sask.

SIR,—I have the honour to submit my report on the fisheries of northern Alberta for the year 1912-13 together with statistical returns.

As I only began my duties in September, 1912, and the majority of the overseers and guardians were men recently appointed, who had not received instructions until August, and in some instances until November, and were thus unable to get into touch with fishermen, the statistics sent are not as accurate as they would otherwise be.

Since my appointment I have visited the following districts, Lac Ste. Anne, Wabamun lake, Pigeon lake, Beaver Hills lake, Buffalo lake, Saddle lake, Moose lake, Cold lake and Primrose lake, Lac La Biche, the Athabaska district, and the Lesser Slave lake.

The waters of the Lac Ste. Anne district contain whitefish, jackfish, and pickerel, there being few of the latter species, the fishermen of this district, are Halfbreeds, Indians, and settlers living close to the shores of the lakes, and have little skill or enterprise. The sale of fish caught is limited to the village of Lac Ste. Anne and a few small traders of the district, the remainder of fish caught being consumed by fishermen's families.

In view of the size of these lakes and the increasing population of the surrounding district, the larger towns of Alberta cannot receive any supply of fish from the Lac Ste. Anne district.

The Wabamun Lake district, in which the only lakes fished are Wabamun lake, Island lake, and Chip lake, has for several years shipped fish to Edmonton, Calgary, Saskatoon, Lethbridge, and smaller towns of Saskatchewan and Alberta.

Last year, in addition to fishermen's licenses, three commercial licenses were held for Wabamun lake, and as the village of Wabamun, the headquarters of these fishermen, is situated on the Grand Trunk Pacific Railway, which provides a daily service, there was almost daily shipment of whitefish to Edmonton, of larger quantities than I think lake Wabamun would continue to bear.

As during the ensuing year, it has been decided that these commercial licenses will not be renewed, and the number of fishermen's licenses are to be limited to the older resident fishermen, if the longer close season be strictly enforced, I am confident that in a few years lake Wabamun will be as well stocked with whitefish, as it is said to have been some five years ago.

Jackfish and pickerel were shipped from Island lake last winter to Edmonton, Calgary, and Saskatoon. It would appear, that by comparison with the report of fisheries of Alberta for the year 1911-12, the value of fishing gear and boats, the number of men employed, and the amount realized by the sale of fish in the Cold lake and Primrose lake districts for the year 1912-13 has diminished.

I am of the opinion, that this decrease is because of the longer close season now prevailing and the reduction in the number of licenses for Cold lake. The fact that three of the fishermen began operations late in the season, and probably some diminution in the amount of fish in these waters, or other unknown natural cause.

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It is to be noted however, that a larger amount of trout were caught during the past year, than was reported during the preceding one. This increase is owing, I think to the fact that the Cold lake fishermen have acquired more skill, and have more knowledge, than formerly, of that part of the lake, in which trout are most abundant, trout are not believed to be in Primrose lake.

The fish caught in the Cold lake district are generally shipped to Kitscotti, and Vermillion on the Canadian Northern Railway, and thence to large dealers of Edmonton such as the Swift Canadian Company and the P. Burns Company.

The fishing of the Moose lake district for the past year was confined to half-breeds, Indians, and settlers; the catch being consumed by fishermen's families and neighbouring settlers.

The lakes of the Moose lake group appear to have been fished just about to the limit for many years, and fishing there, for several years to come should be confined to residents, and the number of licenses limited to about the number for the past year.

The lakes of this group will never provide more fish than are required for the district immediately surrounding it. To the north, and northwest of Moose lake, is a group of lakes among which are Musquito, Jackfish, and Bear lakes, which are said to be well stocked with whitefish, tullibee, and jackfish. Of these waters I have no statistics, but I think it likely that more fishing might be done among these lakes than heretofore. They should in future be under closer supervision than during the past year, either by the fishery overseer of Cold lake, or the fishery guardian of Moose lake.

To the East of the North East angle of Cold lake, at a distance of about six miles is situated Trout lake through which the waters of Cold lake empty into the Beaver river. It has always been fished by Indians, but never by whitemen, and is said to be well stocked with trout. Fish caught in winter in Trout lake might be hauled to market over the same road as those from Cold lake and Primrose lake.

Of the Saddle lake district, I have to report, that I am of opinion, that the more northern lakes of the district, such as Trout lake, and Touchwood lake, will bear much more fishing, than was done during the past year. Floating Stone lake appears to have been overfished; for it I would not recommend the issuing of other than domestic licenses. Saddle lake, Whitefish lake, and Goodfish lake, are chiefly fished by Indians, whose reserves are along the shores of these lakes, who fish without license for domestic use.

Lac La Biche and Beaver lake were fished by Halfbreeds and Indians only during the past year. Owing to the fact that guardian Edmond Smith only received his instructions in November, 1912, and that his place of residence is at Warwick, some sixty miles distant from the nearest waters of his district, this district was not under the supervision necessary to the protection of fish, and no fees were collected for licenses.

When visiting Lac La Biche in March I found that many of the people had wrongly interpreted the fishery regulations, assuming that clause 2 permitting Indians and Halfbreeds to fish without licenses, for daily consumption only, allowed them to fish through the season for unlimited use and storage. I met some fifty heads of families and explained the regulations, and have since received several applications for licenses. The fish caught at Lac La Biche and Beaver lake during 1912-13 were consumed in the immediate neighborhood. North East of Lac La Biche at a distance of about thirty miles is Hart's lake where whitefish are said to be abundant, during recent years it does not appear to have been fished except by Indians. The Lac La Biche group is likely to be the source of a considerable supply for the markets, in the near future, as there is now railway service from Athabaska Landing, but sixty miles to the West by a fairly good road.

Of the lakes of the Athabaska Landing district, only one, Calling lake, is of any present importance. It is situated within sixty miles of Athabaska Landing, by a good

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winter road. The winter fishing of this lake was very successful, the catch being sold on the ice at 4 cents per pound. Calling lake fish are shipped via Athabaska Landing to Edmonton.

Moose lake about twenty miles westerly from Calling lake, was not fished during the past winter, excepting by a white trapper and an Indian, for domestic use. It contains but few whitefish, which are of large size, but tullibee are abundant, weighing on an average two pounds. No fishing is done during summer in the Athabaska Landing district.

When visiting Lesser Slave lake in January, 1913, I found but two fishermen at work. One, Mr. Hermann Nicklas who lives at Dog's Island, about three miles above Sauridge at the foot of the Lake, is an enterprising and intelligent fisherman, he has a good equipment of boats and nets and a commodious building, not quite finished. Mr. Nicklas proposes to smoke fish.

The greater part of the fishing of this lake appears to have been done by Half-breeds and Indians who do not hold licenses, these people having long regarded it as a right to fish without license, and in the close season not much was done during the past year to correct this. Overseer Robert H. Potts having only received his instructions in October, seems to have been in doubt as to the interpretation of the regulations, as they apply to Indians and Halfbreeds. Large quantities of fish were caught by them in the close season.

As Mr. Potts is now better informed of the regulations and of his responsibilities, I hope during the ensuing year the supervision of Lesser Slave lake will be closer, and regulations properly enforced, though it will be difficult, to correct traditional habits of a people, only very recently brought under fishery laws.

As one commercial license has already been issued, and a second one applied for for Lesser Slave lake, fishing operations at that lake are likely to be more extensive than for several previous years. Within a year or two this district will have railway service, when an excellent market will be available.

The fishing of Buffalo lake is at present unimportant, only jackfish are caught, which are uncommonly large and good, and for which there is a good market in adjacent villages.

Of Gull and Sylvan lakes I have no statistics. I hope to visit this district during the summer.

In these southern districts, the importance of rod fishing as sport is increasing.

In only two of the lake districts of my inspectorate did I hear complaints of the longer close season, all experienced white fishermen with whom I conversed on the subject agreeing that the lengthening of the season was timely and in the true interests of businesslike fishermen.

The Halfbreeds of the Lac Ste. Anne and Lac La Biche districts state that it is impossible to catch whitefish in those lakes during winter, and that the strict enforcement of the present close season would prevent their accumulation of a store of fish for winter use. With regard to this statement as to Lac Ste. Anne, it may be because of lack of skill and energy, as white men have not fished it. In confirmation, however, of this statement as to the impossibility of catching whitefish at Lac La Biche during winter, I was informed by Halfbreeds and also by the Reverend Father Le Goff, who has resided in the district for several years, that about eight years ago skilled white fishermen attempted, at some expense, to fish in Lac La Biche, but were unsuccessful, and moved their plant to Touchwood and Trout lakes. Whatever are the reasons for the failure of winter fishing in these lakes, it would appear, that by rigid enforcement of the present close season, these people would be deprived of an important article of food, to which they have for generations been accustomed, and on which they are partly dependent.

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With further reference to this, it seems that the concession of two days weekly during the close season was satisfactory to fishermen, and the privilege was not abused, according to the local guardian at Lac Ste. Anne.

From information obtained on my visits of inspection, and from large fish dealers it is evident that the fisheries of Northern Alberta are becoming very important, all my information points to the fact, that the supply of fish from the lakes within reach of markets, is not adequate to the supply.

Owing to this inadequate supply of whitefish there is an increased demand for pickerel and jackfish.

I am, sir,

Your obedient servant,

J. D. WILLSON,
Inspector of Fisheries.

SESSIONAL PAPER No. 22

RETURN showing the Number of Fishermen, &c., the Number and Value of Tugs, Vessels and Boats, and the Quantity and Value of all Fishing Gear and other Material, used in the Fishing Industry in the Province of Saskatchewan, during the year 1912-13.

Number.	Fishing Districts.	Boats.				Gill-Nets.		Hoop-Nets.		Lines.		Weirs.		Freezers and Ice-houses.		Number.
		Row.	Value.	Gasoline.	Value.	Licensed men.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.	Number.	
1	Qu'Appelle Valley	30	600			31	80	480								1
2	Long Lake	12	300	1	700	113	370	2220							10	2
3	Lac Pelletier	8	160			19	25	150								3
4	Fishing and Devils Lakes					4	6	36								4
5	Wakaw Lake															5
6	N. and S. Saskatchewan River					81	40	240	60	300	14					6
7	Candle Lake					15	50	500								7
8	Trout and Red Deer Lakes					5	20	200								8
9	Stony Lake	1	40	1	250	27	50	350								9
10	Doré Lake					23	80	800								10
11	Green and Waterhen Lakes					20	40	240								11
12	La Plonge Lake					8	30	300								12
13	Ile la Crosse Lakes					39	300	2400								13
14	La Loche and Buffalo Lakes					3	50	250								14
15	Lac La Ronge						No return									15
16	Turtle and Loon Lakes					41	140	840								16
17	Jackfish and Murray Lakes					33	125	750								17
18	Northern Lakes					19	No return									18
	Totals.	51	1100	2	950	484	1406	9756	60	300	14				10	19

RETURN showing the Quantities and Values of all Fish caught and marketed or consumed locally, for the Province of Saskatchewan, during the year 1912-13.

Number.	Fishing Districts.	Trout, cwts.		Trout, value.		Whitefish, cwts.		Whitefish, value.		Pickarel, cwts.		Pickarel, value.		Pike, cwts.		Pike, value.		Tullibee, cwts.		Tullibee, value.		Shad, cwts.		Shad, value.		† Mixed fish, cwts.		Mixed fish, value.		Number.	
			\$		\$		\$		\$		\$		\$		\$		\$		\$		\$		\$		\$		\$		\$		
1	Qu'Appelle Valey.....	.....	.....	.....	.....	50	500	420	2100	850	4250	160	800	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	Long Lake.....	.....	.....	.....	.....	692	4152	128	640	580	2700	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	Lac Pelletier.....	.....	.....	.....	.....	30	300	20	100	80	400	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	Fishing and Devils Lakes.....	.....	.....	.....	.....	.....	.....	60	300	350	1750	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	Wakaw Lake.....	.....	.....	.....	.....	.....	.....	.....	.....	80	400	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	N. and S. Saskatchewan River.....	.....	.....	.....	.....	38	380	10	100	102	510	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
7	Candle Lake.....	.....	.....	.....	.....	360	1440	.....	.....	110	230	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
8	Trout and Red Deer Lakes.....	.....	.....	.....	.....	560	2240	140	420	160	480	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	Stony Lake.....	.....	.....	.....	.....	390	1560	48	144	105	315	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Doré Lake.....	.....	.....	.....	.....	2820	8460	145	435	175	350	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	Green and Waterhen Lakes.....	.....	.....	.....	.....	550	2750	150	600	180	720	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	La Plonge Lake.....	.....	.....	.....	.....	500	2000	60	180	190	300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	He La Crosse Lakes.....	.....	.....	.....	.....	6000	18000	120	240	200	300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	La Loche and Buffalo Lakes.....	.....	.....	.....	.....	200	600	50	150	200	400	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15	Lac la Ronge.....	.....	.....	.....	.....	1600	4800	300	900	120	240	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16	Turtle and Loon Lakes.....	.....	.....	.....	.....	1340	5360	132	528	320	960	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
17	Jackfish and Murray Lakes.....	.....	.....	.....	.....	490	2450	110	440	285	1140	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18	Northern Lakes.....	.....	.....	.....	.....	7500	22500	300	600	1200	2400	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....		577	1785	23120	77492	2193	7877	5197	17945	540	1690	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Quantity consumed in Canada, 34,062 cwt. Quantity exported to U. S. A., 480 cwt. Cwt. = 100 lbs.
† "Mixed Fish" includes catfish, greyling, bullheads, goldeyes and ouananiche.

SESSIONAL PAPER No. 22

RECAPITULATION.

Of the Yield and Value of the Fisheries in the Province of **Saskatchewan**, during the Year 1912-13.

Quantity consumed in Canada.	Quantity consumed in U.S.A.	Kinds of Fish.	Quantity.	Value.
				\$
22,610	480	Trout *Cwts.	577	1,785
		Whitefish "	23,120	77,492
		Pickrel "	2,193	7,877
		Pike "	5,197	17,945
		Tullibee "	540	1,690
		Mixed Fish. "	2,915	5,050
			34,542	111,839

*Cwt. = 100 lbs. † "Mixed Fish," includes catfish, greyling, bullheads and goldeyes.

RECAPITULATION.

Of the Number and Value of Vessels, Boats, Nets, Traps, etc., used in the Fisheries in the Province of **Saskatchewan**, during the Year 1912-13.

	Number.	Value.
		\$
Boats (gasoline)	2	950
" (row)	51	1,100
Gill-nets	1,426	9,756
Seines and other nets.	60	300
Lines	14	14
Freezers and Ice-houses	12	800
		12,920
Number of men licensed	484	

RETURN showing the Number of Fishermen, etc., the Number and Value of Tugs, Vessels and Boats, and the Quantity and Value of all Fishing Gear and other Material used in the Fishing Industry, Province of Alberta, during the Year 1912-13.

Number.	Fishing Districts.	Boats.				Gill Nets.		Lines.		Freezers and Ice-houses.		Number.	
		Sail.	Value.	Gasoline.	Value.	Licensed Men.	Number.	Value.	Number.	Value.	Number.		Value.
			\$		\$			\$		\$			\$
1	Wabamun Lake.....	10	250	2	1000	24	130	650			1	400	1
2	Lac Ste. Anne.....					61	80	400					2
3	Calling Lake.....					10	50	250			1	400	3
4	Lesser Slave Lake.....	21	420			4	90	450			1	450	4
5	Lac la Biche.....					5	75	375					5
6	Floating Stone Lake.....					15	35	175					6
7	Moose Lake.....					15	36	180			2	45	7
8	Cold and Primrose Lakes.....					29	125	625					8
9	North Saskatchewan River.....					6	20	100					9
10	Beaver Hills Lake.....					17	25	125			1	35	10
11	Buffalo Lake.....					11	28	140					11
12	Gull and Sylvan Lakes.....					3	3	21					12
13	Pigeon and Buck Lakes.....	20	280			86	95	47					13
14	Calgary.....					380			300	600			14
15	High River.....					120			120	240			15
16	Pincher Creek.....					720			720	1440			16
17	Cardston.....					83	5	25	79	158			17
	Totals.....	51	950	2	1000	1589	797	3991	1219	2438	6	1330	

SESSIONAL PAPER No. 22

RETURN showing the Quantities and Values of all Fish caught and marketed or consumed locally, Province of **Alberta**, during the Year 1912-13.

Number.	Fishing Districts.	Trout.		White fish.		Pickered.		Pike		Perch.		Tullibee.		Mixed Fish.		Number.
		Cwts.	Value.	Cwts.	Value.	Cwts.	Value.	Cwts.	Value.	Cwts.	Value.	Cwts.	Value.	Cwts.	Value.	
			\$		\$		\$		\$		\$		\$		\$	
1	Wabamun Lake.....			1838	7352	180	720	210	630					25	25	1
2	Lac Ste. Anne.....			480	1920	15	45	25	50					30	30	2
3	Calling Lake.....			1390	5360							42	168	10	10	3
4	Lesser Slave Lake....	120	600	1950	7800	126	378	340	680					40	40	4
5	Lac la Biche.....			460	1600	50	150	180	360					60	60	5
6	Floating Stone Lake...			200	800	25	100	50	150					50	50	6
7	Moose Lake.....			270	1080	50	200	78	234			92	276	50	50	7
8	Cold and Primrose Lakes...	200	1000	1300	5200	30	90	70	140					10	10	8
9	North Saskatchewan River..					10	50	50	200					25	50	9
10	Beaver Hills Lake.....							145	580					50	100	10
11	Buffalo Lake.....							230	920					45	90	11
12	Gull and Sylvan Lake.....							225	900	40	240			10	20	12
13	Pigeon and Buck Lakes.....			220	1100	9	45	36	108					35	70	13
14	Calgary.....	260	2600					50	250							14
15	High River.....	190	1900					30	150							15
16	Pincher Creek.....	420	4200													16
17	Cardston.....	50	500					25	125					20	60	17
		1240	10800	8048	32212	495	1778	1744	5477	40	240	134	444	460	665	

Quantity consumed in Canada, 12,161. Quantity exported to U.S.A., none.

* Cwt. = 100 lbs. † "Mixed Fish" includes catfish, greyling, bullheads, goldeyes and ouananiche.

RECAPITULATION

Of the Yield and Value of the Fisheries in the Province of **Alberta**, during the year 1912-13.

Kinds of Fish.	Quantity.	Value.
		\$
Salmon.....	*Cwt.	
Trout.....	"	1,240 10,800
Whitefish.....	"	8,048 32,212
Bass.....	"	
Pickereel.....	"	495 1,778
Pike.....	"	1,744 5,477
Sturgeon.....	"	
Eels.....	"	
Perch.....	"	40 240
Maskinonge.....	"	
Tullibee.....	"	134 444
Catfish.....	"	
Goldeyes.....	"	
Shad (fresh).....	"	
Shad (salted).....	Brls.	
†Mixed Fish.....	Cwt.	460 665
Caviare.....	"	
		12,161 51,616

*Cwt. =100 lbs. † "Mixed Fish " includes catfish, greyling, bullheads and goldeyes.

RECAPITULATION.

Of the Number and Value of Boats, Nets, Traps, etc., used in the Fisheries in the Province of **Alberta**, during the year 1912-13.

	Number.	Value.
		\$
Vessels.....		
Tugs and Smacks.....		
Boats (gasoline).....	2	1,000
Boats (sail).....	51	950
Gill Nets.....	797	4,026
Seines and other nets.....		
Lines.....	1,219	2,438
Freezers and Ice-houses.....	6	1,330
Smoke and Fish-houses.....		
Piers and Wharves (private).....		
		9,744

Number of men licensed 1,589

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APPENDIX No. 10.
YUKON TERRITORY

RETURN showing the Number of Fishermen, &c., the Number and Value of Tugs, Vessels and Boats, and the Quantity and Value of all Fishing Gear and other Material, used in Fishing Industry in the Whole Yukon Territory, during the Year 1912-13.

Fishing Districts.	Boats.			Gill Nets.		Lines.		Freezers and Ice-houses.		Smoke and Fish-houses.		Piers and Wharves.		Persons employed in Freezers, Fish-houses, &c.	Number.
	Sail.	Value.	Gasoline.	Value.	Men.	Num-ber.	Value.	Num-ber.	Value.	Num-ber.	Value.	Num-ber.	Value.		
1 Whole Yukon Territory.	65	\$ 3000	2	\$ 750	125	155	\$ 3800	50	\$ 250	3	\$ 1500	10	\$ 1400	1	20

RETURN showing the Quantities and Values of all Fish caught and marketed or consumed locally, in the Whole Yukon Territory, during the Year 1912-13

Numbers	Fishing Districts.														Mixed Fish, value.	Mixed Fish, cwt.	Numbers.
	Salmon, * cwt.	Salmon, value.	Trout, cwt.	Trout, value.	Whitefish, cwt.	Whitefish, value.	Pickarel, cwt.	Pickarel, value.	Pike, cwt.	Pike, value.	Maskinonge, cwt.	Maskinonge, value.	Mixed Fish, cwt.				
Caught by Whites.																	
1 Dawson	500	5000	5	150	72	1728	5	100	3	60	2	50	100	2000	1		
2 Pelly District.	30	300	40	1200	244	5856	3	60	2	40	1	100	22	440	2		
3 Forty-Mile	182	1820	3	90	8	192	1	20	3	100	1	25	40	800	3		
4 Lake LeBarge			7	210	122	2928	6	120	3	60			48	960	4		
5 Carcross.			60	1800	57	1368	50	1000	47	910			24	480	5		
6 Klondyke River.	76	760	15	450	10	240	3	60	8	160			147	2940	6		
7 Thistle and Sixty-Mile.	75	750	5	150	10	240	5	100	2	40	4	100	138	2760	7		
8 All other parts of Yukon Territory.	150	1500	40	1200	65	1560	10	200	12	240			149	2980	8		
Totals.	1013	10130	175	5250	588	14112	83	1660	82	1640	11	275	668	13360			
Caught by Indians.																	
9 Salmon	175	1750	10	300	68	1632	15	300	12	240	2	50	135	2700	9		
10 Teslin Lake			15	450	74	1776	2	40	10	200			117	2340	10		
11 Tagish	30	300	12	250	60	1440	1	20	12	240			94	1880	11		
12 Big Lake			6	360	30	720	4	80	6	120			50	1000	12		
13 McQueston and Stewart	170	1700	7	210	40	960	2	40	8	160			60	1200	13		
14 Selkirk and Pelly	364	3640	30	900	184	4416	9	180	5	100			157	3140	14		
15 Duncan.	57	570	10	300	42	1008	5	100	10	200	1	25	80	1600	15		
16 Porcupine.	40	400	2	60	25	600	1	20	3	60			150	3000	16		
17 Peel River.	138	1380	20	600	60	1440	4	80	10	200	2	50	170	3400	17		
18 Rampart.	150	1500	20	600	90	2160	2	40	16	320			140	2800	18		
19 Hootchi	104	1040	27	810	115	2760	3	60	20	400	1	25	122	2440	19		
Totals.	1228	12280	159	4770	788	18912	48	960	112	2240	6	150	1275	25500			
Grand totals.	2241	22410	334	10020	1376	33024	131	2620	194	3880	17	425	1943	38860			

All consumed in Canada. None exported to United States.
*Cwt. = 100 lbs. †"Mixed Fish" includes catfish, greyling, bullheads, goldeyes and ouananiche.

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RECAPITULATION

Of the Yield and Value of the Fisheries in the whole Yukon Territory, during the year 1912-13.

Quantity consumed in Canada.	Quantity consumed in U.S.A.	Kinds of fish.	Quantity.	Value.
				\$
.....All.....	.....None.....	Salmon.....	Cwts. 2,241	22,440
.....".....	.....".....	Trout.....	" 334	10,020
.....".....	.....".....	Whitefish.....	" 1,376	33,024
.....All.....	.....None.....	Bass.....	"	
.....".....	.....".....	Pickarel.....	" 131	2,620
.....".....	.....".....	Pike.....	" 194	3,880
.....".....	.....".....	Sturgeon.....	"	
.....".....	.....".....	Eels.....	"	
.....All.....	.....None.....	Perch.....	"	
.....".....	.....".....	M. skinonge.....	" 17	125
.....".....	.....".....	Tullibee.....	"	
.....".....	.....".....	Cat-fish.....	"	
.....".....	.....".....	Gold eyes.....	"	
.....".....	.....".....	Shad (fresh).....	"	
.....All.....	.....None.....	" (salted).....	Brls.	
.....".....	.....".....	Mixed fish.....	Cwts. 1,943	38,860
.....".....	.....".....	Caviare.....	"	
			7,919	111,239

*Cwts. = 100 lbs.

RECAPITULATION

Of the Number and Value of Vessels, Boats, Nets, Traps, &c., used in the Fisheries in the whole Yukon Territory, during the year 1912-13.

	Number.	Value.
		\$
Vessels.....		
Tugs and Smacks.....		
Boats (gasoline).....	2	750
" (sail).....	65	3,000
Gill-nets.....	155	3,800
Seines and other nets.....		
Lines.....	50	250
Freezers and Ice-houses.....	3	1,500
Smoke and Fish-houses.....	10	1,400
Piers and wharfs (private).....	1	275
Totals.....		10,975

Number of men employed in Vessels and Tugs.....	
" " " Boats.....	125
" " persons employed in Fish-houses, Freezers, &c.....	20
	145

APPENDIX No. 11.**BRITISH COLUMBIA**

Chief Inspector for the Province, F. H. Cunningham, New Westminster.

District No. 1;—Comprising the southern portion of the province. Assistant Inspector, A. P. Halladay, New Westminster.

District No. 2.—Comprising the northern portion of the province. Inspector, J. T. C. Williams, Port Essington.

District No. 3.—Comprising Vancouver Island and part of the mainland adjacent thereto. Inspector, E. G. Taylor, Nanaimo.

REPORT ON THE FISHERIES OF THE PROVINCE BY THE CHIEF INSPECTOR.

To the Superintendent of Fisheries.
Ottawa.

SIR,—I have the honour to submit my report on the Fisheries of the Province of British Columbia, together with statistical returns for the fiscal year ended March 31, 1913.

Reference was made in last year's report to the creation of the new position of Chief Inspector of Fisheries for the whole province, and it is submitted that the department's action was a correct one, and that the value of the whole protection service in this province has been enhanced accordingly.

The southern portion of the province has been divided into districts, with efficient officers located at central points. The same remark applies to Vancouver Island. New protection boats have been supplied by the department, and there is now in vogue a methodical system of dealing with the service in this province namely, through the head office located in New Westminster.

COMMERCIAL VALUE OF THE FISHERIES.

The total commercial value of the fisheries for the whole province is \$14,455,488 for the fiscal year, as compared with a total value of \$13,677,125 for the previous year, giving an increase of \$778,363. The total increase would have been much greater if the price of canned salmon had been equal to that of the previous year, but unfortunately there was a great falling off in the market which consequently greatly reduced the value. This falling in value applied mostly to humpback salmon, but as this species is packed just as carefully as the other varieties, and is very nutritious, there is no reason why there should not be as big a demand for this class of goods as there is for the far-famed sockeye. The humpback, of course, lacks the inviting appearance of the sockeye, but that is the only difference, and this species should be in great demand with those desiring a cheap and healthful article of food.

There is a notable increase in the value of herring and halibut. This is due to the fact that a large quantity of herring was put up in the Gulf of Georgia, and also to the increased exploitation of the herring fishery in the northern part of the province.

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It is gratifying, however, to note that whilst there is a falling off in the value of some varieties, others have increased and, on the whole, there is a fair increased value as compared with the preceding year.

The total value of the fishing vessels, boats, nets, etc., is \$9,941,049, as compared with \$8,903,000 for the preceding year. This increase is due to the construction of the large cold storage at Uchucklesit, Barclay Sound, by the 'Wallace Fisheries,' new canneries at Quatsino on the west coast of Vancouver Island and at Naden Harbour on Queen Charlotte Islands, and also by completion of the cold storage plant at Prince Rupert by the 'Canadian Cold Storage Company,' and by the large salmon cannery, herring saltery and other buildings erected by the 'British Columbia Fisheries' at Aliford Bay, Queen Charlotte Islands.

DISTRICT NO. 1.

This district comprises the southern portion of British Columbia, including the Fraser River district. The southern part of the district was, up to last year, protected by one overseer located at Nelson on the Kootenay lakes, assisted by special fishery guardians employed from time to time as necessity required. Owing to the influx of settlers, and the growing importance of the fisheries in the great inland lakes, it was found necessary in the public interest to arrange for a more systematic protection service; consequently, this large area was divided into districts and competent officers appointed as fishery overseers located at central points, and the allotment of the annual salaries enabled them to give their whole time to the enforcement of the fisheries regulations.

The quantity of salmon canned in this district amounted to 173,921 cases of all varieties. There were 108,784 cases of sockeye packed as against 58,487 cases for the previous year. This is a notable increase, and there is no doubt that the distribution of fry from the hatcheries on the Fraser River water sheds in 1908, which amounted to over 53,000,000 of this species, had a great bearing on it. A large number of immature males were found in the regular run, many of which entered Shuswap Lake, and to experienced fishermen, such a run is said to portend a big run of fish the following year.

There were 1,430 salmon gill-net licenses issued during the year, and 15 cannery licenses. All the cannery licenses and practically all the gill net licenses were for the Fraser River.

Reference was made in my last report to the fact that the steamer *Georgia* had outlived its usefulness and should be replaced by a suitable gasoline launch. I am glad to know that my recommendation in this connection has been acted upon by the Department.

The gasoline boat *Swan* has also been greatly improved and its usefulness increased by the installation of a new 25-h.p. engine. The launch *Elk* has been made more serviceable by transferring to her the old engine from the *Swan*.

The steamer *Restless* was utilized during the season for protection work on the Fraser and in the Gulf of Georgia, and was also used for an inspection tour of the waters of the west coast of Vancouver Island and the northern part of the province. Two hundred and eighty-nine cases of violations of the Fisheries Act in this district were dealt with, and fines were imposed in 276 cases, aggregating a sum of \$2,546.50. Thirteen cases were dismissed.

DISTRICT NO. 2.

This district comprises the northern waters of the province, and is under the supervision of District Inspector J. T. C. Williams, with headquarters during the fishing season at Port Essington, on the Skeena River, and during the winter season at Vancouver, where the greater number of fishing companies operating in the north have their headquarters.

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The statistics for this district give the value of the total pack as \$5,081,291, against \$4,722,761 for the preceding year.

The development in these northern waters referred to in last year's report is now a matter of actual fact. The cold storage built and equipped by the 'Canadian Cold Storage Co.' is in operation, and its fleet of deep sea fishing craft is now practically engaged in the fishing industry. The 'British Columbia Fisheries, Limited,' operated their new cannery at Aliford Bay, and their fleet of halibut boats may be seen on halibut banks. The herring fisheries of Prince Rupert harbour received considerable attention during the winter months, and large quantities of herring for bait were caught and placed in cold storage for this year's halibut fishing.

The district is protected by fishery overseers located at Rivers Inlet, Prince Rupert, Naas Harbour and on Queen Charlotte Island. These officers are supplied with patrol boats, and are constantly on the move throughout the season. They are assisted by special guardians placed on the upper reaches of the rivers, and further assistance is given by the provincial fishery and game wardens. The steamer *Falcon* was as usual employed at different parts of the district as her services were required, and was also utilized by the inspector in travelling from centre to centre at such times as his presence was necessary.

District No. 2 is a very large one, and owing to the general development, it was considered advisable to create what is known as the Central Division, embracing the following area: From Addenbrooke Island in Fitz Hugh Sound, following the southerly coast of Hecate Island; thence north, following the coast line to Lowe Inlet, Grenville Channel; thence following the easterly shore line back to Addenbrooke Island, including all inlets, bays, channels and lakes embraced in this area, with the exception of Dean and Burke Channels.

This was necessary owing to the fact that Butedale cannery, Lowe Inlet, the new cannery at East Bella Bella, and the Namu cannery, were at too great a distance from Skeena River to admit of the protection necessary being afforded; consequently, a new overseership was created and filled by the appointment of Mr. James Boyd, with headquarters at East Bella Bella. This officer had been in the service as patrolman on the Skeena River, and his experience and knowledge thus gained well fitted him to fill the more important position of fishery overseer.

Whilst there was a decrease in the number of cases of sockeye packed on the Skeena River as compared with the previous year, it is not fair to assume that there was a small run of this variety. Large quantities of fish escaped the nets and reached their natural spawning grounds, as reports are to the effect that in addition to the hatcheries being filled with eggs, the natural spawning grounds were well seeded.

The fisheries regulations were well enforced in this district, and very few seizures were made; owing to the constant patrolling of the launches, little illegal fishing was attempted.

DISTRICT NO. 3.

This district is under the supervision of Inspector E. G. Taylor, residing at Nanaimo, and comprises Vancouver Island and the mainland adjacent.

The statistics for this district show that there is an appreciable increase in the commercial value; the total being \$3,110,877 for this year as compared with \$2,786,302 for the previous year. The increase in the quantity of herring caught is a notable feature; the total being 515,980 cwt. as against 499,210 cwt. for the previous year, with a value of \$462,963 as against \$301,635.

Last year 890 whales, including 24 sperm whales, were captured, as against 581 whales, including 16 sperm whales, for this year.

One new cannery has been constructed in the district, and is operated by the 'Jervis Inlet Canning Co.' at Bargain Harbour. Large quantities of salmon for this cannery were caught by trolling; in fact, this mode of fishing is extending to all parts of the coast.

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The cold storage located at Uchucklesit and operated by the 'Wallace Fisheries' is a modern institution and is of considerable value to the fishing industry on the west coast. It gives employment to a large number, and the businesslike methods prevailing should ensure a successful venture.

Reference was made in last year's report to the fact that owing to the size of this division, additional boats were required for fisheries protection. The steamer *Alcedo* renders good service, but it was felt that even greater protection was necessary than could be afforded by this patrol steamer. With this end in view, the whole coast line of the island has been divided into nine sections which provides for the necessary protection. The districts thus created are as follows: Quatsino, Clayoquot Sound, Alberni, Cowichan, Nanaimo, Comox, Campbell River, Alert Bay and Pender Harbour, including all the bays and inlets, as well as the inland lakes as they occur in the respective districts. Salaries have been allotted to the respective officers which will allow of their giving their whole time to the district. Contracts have been allotted for gasoline boats for such districts as require them, and when construction is completed, they will be put into commission. As these boats are commodious and seaworthy, it is anticipated that they will also render considerable service in protecting the three-mile limit.

OBSTRUCTIONS.

Considerable work has been done during this year in connection with removing rock and log jams which were an obstruction to the free ascent of salmon to their natural spawning grounds. At the Stamp River Falls in District No. 3, a free passageway was made, and salmon can now ascend without experiencing the difficulties which existed before these falls were made accessible.

The work of constructing a passageway at the Medziaden Falls, Naas River District, was undertaken by the Provincial Fisheries Department, the Dominion Government assuming the cost thereof. This work, when completed, will cost about \$14,000, and will lay open large additional spawning areas to which fish can ascend without hindrance at all stages of water.

The work of making the falls at Bridge River on the Fraser River accessible to salmon is also being proceeded with by the Provincial Department, the Dominion Government assuming the cost. This work, together with the arrangements made for the removal of Indian barricades on the upper waters of the Fraser, ought to be of great value to future returns of salmon from this water-shed. These barricades were erected by the Indians in such a way that few, if any, salmon could escape, and their removal is a cause for congratulation, especially as no hardship has been placed upon the Indians, they having been supplied with nets with which they are enabled to supply themselves with the necessary fish for their maintenance.

There are many other streams throughout the province requiring attention, and these will be attended to as conditions will permit.

REGULATIONS.

This year changes have been made in the regulations which affect more particularly the northern part of the province. In December, 1910, a regulation was made which provided for what was known as boat rating areas, and covered Skeena River, Rivers Inlet, Naas River, Bella Coola, Kimsquit Manitou, Smith's Inlet, Namu and Lowe Inlet. To each of these areas a maximum number of boats was allotted, and this number was again allotted to the canneries then in existence.

This system, whilst it had its good points, was too drastic, and prevented that competition which is the life of trade.

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It was the desire of both the Federal and Provincial Governments to encourage white fishermen to become permanent settlers in the north; consequently, whilst the number of licenses to be issued in each area remains the same, a certain percentage was reserved for white fishermen who were British subjects owning their own boats and nets, and which it is expected, will be a means of encouraging British subjects to take up their permanent residence in this part of the province, where great opportunities exist, and where success awaits those who are industrious and thrifty.

GENERAL REMARKS.

I am pleased to refer to the visit of the Superintendent of Fisheries, which occurred in July. The Superintendent and Provincial Deputy Commissioner of Fisheries, together with the Chief Inspector, accompanied by the District Inspectors in their respective districts, made an inspection tour of practically the whole coast of the province, including Queen Charlotte Islands.

The tour was an instructive one from many standpoints. The Superintendent of Fisheries became personally acquainted with the requirements of the fishing industry, and is thus better enabled to deal with questions coming before him, having a personal knowledge of the locality affected.

Periodical visits by officers from the Department are of great value officially, as a personal knowledge expedites and assists in reaching businesslike decisions.

The fishery exhibit was, as usual, held in connection with the annual exhibition in New Westminster. The exhibit consisted of a miniature hatchery in operation. Specimens of the different species of salmon indigenous to this coast and all of which had been incubated and reared in retaining ponds connected with the Dominion Government hatcheries, were shown in glass aquaria. The usual mounted specimens were in evidence.

This exhibit is becoming more popular year by year, and the building is really now too small to accommodate the interested crowds. It is certainly a valuable source for disseminating information on the fisheries, and to illustrate, although in a small way, the work of the hatcheries throughout the province.

The exhibit was this year honoured by the presence of His Royal Highness, the Duke of Connaught, who expressed himself as greatly interested.

I am pleased to be able to refer to the amicable relationship which has existed between the Provincial Fisheries Department and your representative here. Every effort has been made on both sides to act in the best interests for the development and conservation of the fisheries. Conferences have been held both in Ottawa and Victoria, and it is sincerely hoped results will show wise decisions have been reached. In any event, it can only be felt that the very best consideration was given to all matters pertaining to the welfare of the fisheries of this coast, and that everything possible has been done to foster a great heritage.

I am, sir,

Your obedient servant.

F. H. CUNNINGHAM,

Chief Inspector of Fisheries.

REPORT ON THE FISHERIES OF DISTRICT NO. 1.

To F. H. CUNNINGHAM, Esq.,

Chief Inspector of Fisheries,

New Westminster, B.C.

SIR.—I beg to submit herewith the Statistical Report of the Fisheries for District No. 1, British Columbia, for the fiscal year ended March 31, 1913.

Salmon.—There is quite a noticeable decrease in the total pack of canned salmon as compared with last year, there being then a total of 301,978 cases, against 173,921 cases this year. This is accounted for by the fact that this season a very small

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quantity of salmon outside of the sockeye was packed, but of this variety almost double the quantity as compared with last year has been put up, as shown by the following figures:—

	Sockeye. Cases.	Other Varieties. Cases.	Total.
1911 and 1912.. . . .	59,815	242,163	301,978
1911 and 1913.. . . .	108,784	65,137	173,921

This was expected to be the smallest run of sockeye in the four years' cycle, but as shown above there is an increase in the pack over the previous year of 48,968 cases, and compared with the last 'small run' four years ago (though that year there were 11,448 cases put up from fish brought from the south-west coast traps) there is the remarkable increase of 34,210 cases.

The following table shows the quantity of the different varieties packed in this district this season:—

Sockeye.. . . .	108,784 cases
Red Spring.. . . .	14,655
White Spring.. . . .	8,373
Cohoos.. . . .	28,574
Chums and Pinks.. . . .	13,535
Total.. . . .	173,921

The sockeye were of unusually good quality throughout the season, but a very extraordinary feature of the run was the large number of immature males which appeared with the regular run. Quite a number of those were gilled in the regular sockeye net, 5½ inches extension measurement, though they were not more than half the size of the average sockeye.

The great improvement in the run of sockeye this season would surely indicate the splendid results from our hatcheries, as in the summer of 1908 there were liberated from the Dominion Government hatcheries situated on the Fraser River water sheds, 53,332,000 sockeye fry.

Halibut.—The return shows this season 21,127 cwts. as against 15,854 cwts. last year, an increase of 5,273 cwts. This was taken by the different fishing companies engaged in this trade, principally in District No. 2 and in neutral waters. A great deal of this was taken by the 'New England Fish Co.' and brought into this district in bond and sent direct through for consumption in the United States.

Cod.—The returns show the catch of this variety to be about the same as last year, though the demand was considerably greater, and consequently it commanded a better price. The total amount of the return is 1,475,000 lbs., though there is no doubt a great deal of this variety is taken by Japanese by means of hook and line, and sold to peddlers, who, in turn, retail it from house to house, and for which it is impossible to obtain an accounting. The average wholesale price paid this season for cod was 5½ cents per pound.

Herring.—There is a very noticeable increase in the quantity of herring taken in this district over last year. The return this year shows 46,800 cwts. against 19,822 cwts. last year. This is accounted for by the fact that the herring were unusually large in size and of exceptionally good quality; consequently there was a greater demand, a better price paid, and more fishermen were engaged in the business. The average wholesale price paid for these fish in a green state was 3 cents per pound, while last year only 2 cents was paid.

The total value of the product of the fisheries of this district this year, you will notice, is \$6,263,320, which is \$105,258 greater than last year, which is exceedingly encouraging to all that are interested in this very important industry.

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A very important matter affecting the fisheries of this district is the somewhat old question of hair seals. These destructive pests continue their depredations, particularly upon the spring salmon and during the season when there is a great demand in the markets for this variety of fish. The destruction which these creatures occasion is a great source of annoyance and of tremendous loss both to the fishermen and dealers.

As you are aware, shot guns have been tried, but without any noticeable effect. Also a test was made last year with cross lines, but this too failed so far as practical results were concerned, as these mammals appear to possess almost human intelligence, and successfully keep out of harm's way when an attempt is made at their capture. It is to be hoped that the department can devise some method that will either drive out or exterminate the hair seal.

Re-organization.—The re-organization of this district went into effect on the 24th of July last. Under such re-organization the interior portion was divided into four sub-districts, and placed under the supervision of overseers with headquarters as follows: Nelson, Vernon, Kamloops and 150-Mile House.

The remaining portion of the district, including the waters of the Lower Fraser with all its small tributaries, Lillooet Lake, Harrison Lake and the streams flowing into them, Serpentine and Nicomekl Rivers, the Gulf of Georgia, Howe Sound and the Squamish, have been attended to by myself with the assistance of the local officers in charge of the Fisheries Protection launches.

The work of protecting the fisheries has been well performed under the above arrangement. The duties of the officers in the interior portion of the district have consisted in looking after the operations of sawmills to prevent the depositing of refuse into the streams, and attending to the enforcement of the regulations, especially concerning the protection of the fish on their spawning grounds. I may add that throughout the whole district, good and efficient service has been rendered by the various officers and the interests of the fisheries well protected.

I am, sir,

Your obedient servant,

A. P. HALLADAY,

Assistant Inspector of Fisheries.

REPORT ON THE FISHERIES OF DISTRICT No. 2.

To F. H. CUNNINGHAM, Esq.,
Chief Inspector of Fisheries,
New Westminster, B.C.

SIR,—I have the honour to enclose my statistical report on the fisheries of the northern coast of British Columbia, District No. 2, for the fiscal year ended March 31, 1913, including the salmon packs for the different divisions. These returns show an increase in the aggregate of the total value of fish and fish products for 1912-13, being \$5,081,291, as against \$4,722,761 for 1911-12. This increase is accounted for to some extent by the additional pack of 127,116 cases of salmon over that of last season, also by the development of the herring fisheries of Prince Rupert, and the erection of additional canneries at East Bella Bella, Naden Harbour and Aliford Bay, the two latter canneries being situated on the Queen Charlotte Islands. The East Bella Bella and Naden Harbour canneries have operated principally in the salmon fisheries, but the Aliford Bay cannery, which is owned by the 'British Columbia Fisheries,

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Limited,' have not only put up a fair pack of salmon, but have entered the herring and halibut industry extensively.

The total pack of salmon for the season of 1912-13 is as follows:

	1912-13.	Cases.
Sockeye.. . . .		301,063
Cohoe.. . . .		98,202
Spring.. . . .		39,814
Humpback.. . . .		224,289
Total.. . . .		663,368

	1911-12.	Cases.
Sockeye.. . . .		306,605
Cohoe.. . . .		54,063
Spring.. . . .		25,661
Humpback.. . . .		149,923
Total.. . . .		536,252

Approximate increase and decrease, detailed.

	Cases.
Skeena River, decrease.. . . .	152
Rivers Inlet, increase.. . . .	36,631
Naas River, increase.. . . .	5,478
North coast and Queen Charlotte Islands, increase	86,159

Skeena River.—The run of sockeye on the Skeena River shows a considerable falling off. It is difficult to account for the deficiency in the run of this variety of salmon. The weather was all that could be desired, westerly winds prevailed, the water was of a good colour and everything seemed favourable to an excellent catch. The spawning grounds are protected and carefully patrolled by our officers, barricading and unnecessary waste of fish by the Indians was prevented. I should strongly advise the immediate reduction of the Tatcha River falls, which will enable the salmon to reach a magnificent area of spawning ground hitherto unapproachable. Steps have already been taken by me to obtain a report on the local conditions in connection with the removal of this obstruction, and plans and specifications are now in the hands of the chief inspector. I consider this the most important work in connection with the spawning grounds of the Skeena River.

The run of springs was an average one, but the run of humpbacks was again phenomenal. I enclose Overseer Norrie's report in connection with his division, in which he touches on the seeding of the spawning grounds and other matters of interest.

Rivers Inlet.—I am gratified at being able to report an increase of some 36,000 cases in sockeye pack of Rivers Inlet. This I consider is attributable to the magnificent weather during July and August westerly winds prevailed the water was thick, thus preventing the salmon from seeing the nets, which enabled the fishermen to make good catches.

Fishery Overseer Saugstad reports the spawning grounds on Oweekayno Lake and tributary streams well stocked with salmon of all varieties. The fishery regulations were well observed throughout the whole season.

Naas River.—The pack of salmon on this river increased some 5,000 cases, but run of sockeye being practically the same as last season. The increase is attributable to the canners packing more fall fish than hitherto. The fisheries generally are in a satisfactory condition, and Overseer Adamson reports very few violations of the fisheries regulations.

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I am gratified at being able to report that arrangements have been made by the Dominion Fisheries Department with the Provincial Fisheries Department to remove the obstruction at the foot of Meziaden Lake that flows into the Naas River. In 1896 I made a full report to the department on this subject, pointing out the large area of spawning grounds that would be available for salmon by the removal of this obstruction and have always considered it of vital importance to the salmon fisheries of the Naas River.

Last fall Mr. J. P. Babcock, the fisheries expert of the Provincial Fisheries Department, was appointed to superintend this work, and he designed a fishway to be built in the north side of the falls. This work is in actual charge of Mr. E. J. Gillingham, Provincial Engineer. The work was commenced in November and will be completed in March. It will cost about \$14,000, which will be paid by the Dominion Government. The lake is some twelve to thirteen miles in length with a width of about one and three-quarter miles. Tributary streams come from the glaciers, and the spawning grounds are principally along the shores of the lake. The falls obstruct the passage of salmon to a certain extent at all stages of water, but at the low stages it is completely blocked.

All varieties of salmon frequent these waters, especially the sockeye. I am indebted to Mr. J. P. Babcock for this information.

North coast and Queen Charlotte Islands.—The pack of salmon has increased some 86,000 cases. This is attributable to two causes, the building of additional canneries at East Bella Bella, Naden Harbour, and Aliford Bay, and also the exceedingly heavy run of humpback salmon referred to previously in my report. The new canneries packed almost exclusively the coarser grades of salmon, as they are located in waters little frequented by sockeye. The East Bella Bella cannery is situated near Bella Bella in Lama Passage, and is distinctly a fall fish proposition. The Naden Harbour cannery, owned by the 'Wallace Fisheries, Limited,' is situated on Virago Sound, Graham Island, and the Aliford Bay is situated on Skidegate Inlet, and owned by the 'British Columbia Fisheries, Limited.' This company was organized by Sir George Doughty. They are going extensively into all branches of the industry, especially salmon, halibut, and herring. They own several trawlers and purpose increasing their operations in the near future. I enclose report from Overseer Harrison on his work and observations in his division, namely, the Queen Charlotte Islands.

The run of herring in Rupert Harbour has been exceptionally heavy and operators have had all they could handle, but the low figure which prevails in the Oriental market for these fish, together with the high rate of wages paid to employees, has resulted in most unsatisfactory conditions, and until a better price is procurable for this fish, I am afraid there will be little further development.

Taking the fisheries in my district, I consider they are in a most satisfactory condition, and though prices of some varieties at the present moment are slightly depressed, there is no question that this trouble will regulate itself in the near future, when better prices will be obtained. The whaling stations operated at Virago Sound and Rose Harbour on the Queen Charlotte Islands, had a most successful season, the number of whales captured was 526, including three sperm whales, against 300 last season.

This is the first occasion on record in which sperm whales have been captured in the northern waters.

I am, sir,

Your obedient servant,

JOHN T. C. WILLIAMS,

Inspector of Fisheries.

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REPORT OF OVERSEER STEWART NORRIE.

PRINCE RUPERT, B.C., February 21, 1913.

To J. T. C. WILLIAMS,
Inspector of Fisheries.

SIR,—I beg to submit the following report, touching on the Prince Rupert and Skeena River divisions of District No. 2, which have been under my care for the past year.

The spring salmon run on the Skeena River was a very large one, more fish of this variety being taken than in any other year in the history of the river. The mild curing process seems to have a market that is hard to overstock.

The catch of sockeye was hardly up to the average, but large quantities of fish got past the nets, and conditions this season have been in favour of the fish reaching their spawning grounds.

This is the first year the coho fishing has been prosecuted with vigour. Few fishermen, and not even the cannerymen themselves, I believe, had any idea of the large number of fish of this variety that run on this river in the fall, and no doubt in future the coho will be depended upon as a valuable asset.

Each year as it passes seems to eliminate to some extent the old-time deplorable waste of valuable fish food for lack of a market. This year the largest part of the humpback catch was packed. It is a variety that never seems to fail on this river. Some fishermen attempt to single out special humpback years, but my own experience leads me to believe that the Alaska pink or humpback is with us in much the same proportion every year.

There was only one case of illegal fishing. This is, without doubt, due to the never-ceasing patrol kept up by the department launches, the province also with a chartered launch helped considerably, during the sockeye run, and the threat of heavy fine has practically done away with the one-time notorious practice of violating the fisheries regulations.

The increasing tendency of the fishermen to fish outside, in the southern portion of Chatham Sound, is good, thus spreading the allotted number of boats allowed by the rating over a larger area of water, than the old-time policy of never leaving the estuary of the river.

I am pleased to report that large quantities of salmon of all kinds succeeded in reaching their spawning grounds. Guardian MacKendrick, from Babine, reports that the fish have acted a little differently this season. For several years the run of salmon up the hatchery creek has been very limited, and this season the superintendent has been able to secure enough ova from this creek to almost fill his hatchery. Tache was the worst stocked spawning ground of the lake; everywhere else, the spawning grounds had their average complement of sockeyes. One thing, however, was very noticeable, and was remarked by the Indians, that there was an unusual amount of under sized fish or 'runts,' some of them as small as ten and eleven inches, mostly males.

The assistance given to MacKendrick by the appointment of Guardian Collins was good, in giving MacKendrick the opportunity to render what, I consider, a complete and thorough report on the country drained by the Tache River. The department will now be in a position to decide as to its policy pertaining to these falls.

Guardian D'Egville reports the usual amount of fish on his beat. He visited Kiskagas, and found that the Indians were complying with the law, and expected to get their usual amount of fish for food purposes without much trouble; also Kuldo, Schalm Geese, and Blackwater, one of the headwaters of the Naas River. The Indians are behaving themselves very well, and he has had very little trouble around Hazelton

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and Agwilgat. The Bulkley River has had a very fair run again this year, and the Morristown Indians got all they require for food purposes; so also has the Kispiax River, and the Indians who take their toll from that stream.

Guardian Henry Frank, whose beat extends from tide water to Hazelton, reports a good season for that part of the river under his care, and calls attention to an obstruction in the Simaquoix River, a correct copy of his report on these falls having been forwarded to you by me in October. ;

The creeks running direct into salt water, and in the immediate vicinity, have each had their complement of humpbacks and coho salmon, and Shawatlans and Kloiya also had their usual amount of sockeyes.

The Metlakatla Indians fished Shawatlans Inlet commercially as usual, and with success, but they don't seem to think much of Kloiya as a fishing ground.

Guardian James Boyd, employed on the lower river, and captain of the *Hawk*, after a faithful season's service for the department, was unlucky enough before the season ended, whilst investigating the headwaters of the Oxstahl River, to contract a bad case of inflammatory rheumatism in the knees, which, after considerable acute suffering in the general hospital here for over two months, is still weak and stiff, and not in condition to do hard work.

This must be considered the first season that herring have been fished to any extent in Prince Rupert Harbour. The fish put in an earlier appearance than usual, a few being caught at the entrance to the harbour before the end of November. Since then the harbour has simply been a mass of fish. Some of the seine licensees fishing for the Japanese trade in dry salted herring, on account of a glut in the market, had to abandon fishing before they had made expenses. The operators who have made a success of the herring fishing is the Canadian Fish and Cold Storage Company, who have frozen their catch for bait for cod and halibut fishing. Their fish is easily worth twenty dollars per ton to them, and last fall bait here was worth forty dollars per ton. Crippen and Company are also doing well with their kippering, and special mode of curing, and expect to make a good season's showing. The British Columbia Fisheries, Limited, have also put up a large quantity of salted bait, which they intend to use in the halibut and cod fishing. The fishing is practically over for the season, close upon five thousand tons having been taken up to date. Simpson Harbour has not received much attention by the herring fishermen this season.

Large quantities of spring salmon, which always follow in the wake of the herring, have been caught with spoon hook and line, both in this and Simpson Harbour, this winter.

Cod and halibut were plentiful, and the fishermen were successful up till the fall, but the winter was a succession of south-east gales, which made it impossible to make big catches.

The trawler *Kingsway*, which used to operate out of here, and was responsible for the nice variety of mixed fish that came to the local market, was taken off through the summer, to operate, I believe, out of Vancouver.

Speaking to the captain of the trawler *Triumph*, one of the British Columbia Fisheries new vessels, I asked him if he considered the grounds in the Hecate Straits too rough for the Otter trawl, and he expresses himself as confident he could make a success of it, provided that the fish was there. He says that a man in charge of an Otter trawl must feel his ground first, which he says is simple enough, and when he has found clear ground, he can go ahead with confidence.

I am, sir,

Your obedient servant,

STEWART NORRIE,
Fishery Overseer.

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REPORT OF OVERSEER C. HARRISON.

MASSETT, B.C., December 3, 1912.

J. T. WILLIAMS, Esq., S.M.,
Inspector of Fisheries.

SIR,—The season just closed has been the first for the operation of canneries on Queen Charlotte Islands. There are now two first-class canneries in this district, one at Naden Harbour and the other at Aliford Bay. They were not in readiness for canning when the fish first began to run, and consequently the pack at either place was not as large as it might have been. The vessels and boats were partly new and partly old at the Naden cannery, whereas at Aliford Bay all were new and in excellent condition. Next year, as the canneries are now completed and fully equipped, the pack should be at least double that of the past season. It is only just to consider that this was the first year of a venture on the part of these two large fishing companies to exploit the salmon in Hecate Straits. Early in May the salmon banks off Langara Island attracted the attention of the fishermen. They gathered in large numbers and in June began trolling for spring or king salmon. The cannery at Naden Harbour offered three cents per pound for the fish, some of them weighing as high as ninety pounds, and the catch was far beyond expectations. Some of the fishermen captured twenty fish a day by simply rowing about, with a line and herring or spoon bait. A few whites tried their luck and were more than pleased. If the fishing ground were in the neighbourhood of some large city, or if the islands were advertised, as they should be, tourists from all over the world would be attracted by the great sport. The spring salmon is also a wonderfully delectable fish. This is the first year, I believe, that these fish have been canned for commercial purposes, and the Naden cannery filled over 6,000 cases for export. Formerly they were mild cured and exported in barrels or put into the cold storage plant at Claxton. A close season for trolling for these fish similar to that enforced for the use of gill-net fishermen should in my opinion be at once inaugurated. After the run of the spring salmon, the pink, or humpback salmon run commenced. Indians and Japanese who are acquainted with the fish of these waters consider the pink salmon equal to any caught. The fish if caught before entering the rivers is of good colour and appearance. The further it ascends the river, the more it deteriorates. Alaskans have been canning this salmon for a good many years and shipping them to China and Japan. The epicure is assured that the pink salmon is equal to any as a food, and should become a marketable article in European centres. The inlets and rivers were literally jammed with these fish. The two canneries could not handle the catch, and a visit to the spawning beds shows that there is little danger of exhausting the supply in the near future. A law should, however, be made to inflict a penalty on the fishermen or cannery owners, *i.e.*, the parties who are really guilty for catching more fish than can be handled at the canneries should be punished. This year many thousands had to be dumped from the scows into the salt water in front of the canneries, as the canneries could not handle all that were caught. This is simply a wanton destruction of good edible fish that in the near future will be required and be in great demand, therefore before it is too late precautionary methods should at once be adopted and no more fish allowed to be caught than can be utilized. During the past fishing season I did my utmost to protect the fisheries and prevent illegal fishing as far as I was able, but my district, comprising the whole of the waters surrounding the Queen Charlotte Islands, is a very large one. The most remarkable thing about the fishing in this district is the fact that all is or should be done in the salt water. The rivers and streams which are numerous are very narrow, and the fisheries regulations do not allow the fishermen to enter the rivers, and consequently most of my

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time was occupied in protecting the rivers and streams from being illegally used by the fishermen. In regard to the weekly close season, the Haidas have caused me no trouble, as they themselves always looked forward to this period of rest to meet their friends at the canneries, but I cannot say the same regarding the whites, as some of them would fish every day in the week if they thought they were not likely to be caught. The gasoline schooner *Josephine* was engaged during the past season for patrol work, and although she is the best gasoline boat in this inlet, she is too slow and too small for the work required to be done. The superintendent whilst at Massett requested me as early as convenient to send you the details of the vessel that would be suitable for fishery patrol work in this district. This I have already done and hope that the vessel will be built in time for next season's work. During the coho and humpback season the department should allow me to engage two fishery guardians, one for the north end and the other for the south (distance between these two places being about 120 miles), as during my absence from either place there really is (outside of special constables who, as a rule, do not care to interfere with fishery matters), no one to see that the regulations are fully complied with.

All our streams up to the present time are free from sawdust and mill refuse, as the sawmills now in operation on these islands are located on the various town-sites and not near any river or stream that salmon frequent. I wish to draw your attention to the fact that the sockeye and coho runs were almost failures during the past season, and consequently attention should be paid to the propagation of these two species. On some days the Indians caught from 20 to 100 cohoes, but the run was not constant. It is possible that the island rivers are not large enough for the cohoes and sockeyes to ascend them in large numbers. At any rate, it is evident that the two species have not been plentiful during the past year. I believe that had we proper fishways up the Aiin and the Naden rivers so that the salmon could enter the Aiin and Eden lakes, that within a very few years with careful attention, the cohoes and sockeyes would become almost as plentiful as the humpbacks. Aiin is a large body of water about twenty miles in length and from half to one and a-half miles in width, and very deep in the centre, but the fish cannot ascend as they should do owing to rocky waterfalls averaging in the Aiin District from the mouth of the river to the outlet of the lake about 100 feet. There are also two waterfalls in the Naden River that need to be blasted out to facilitate the entry of the fish higher up the river and into Eden lake. I have already sent you reports *re* the various rivers at the south end of this island and those on Moresby island, Aiin, Naden, Yakoun, and Ouan rivers are the principal rivers at the north end of the island that the sockeyes and cohoes frequent, and Copper river and Honna are the best rivers for these fish down south. For the propagation of the species the rocky waterfalls and obstructions should be cleared out of the streams in order to allow the fish to ascend to their natural spawning beds. Two hatcheries under the supervision of competent men should also be erected, and the most suitable places in my opinion are Ouan river up Massett inlet, and the Honna river near Queen Charlotte city. With the removal of all the obstructions to the salmon ascending to natural spawning beds, with proper and careful protection during the fishing season, and with the erection of hatcheries to propagate the species required, I firmly believe that the salmon fisheries in this district would in the near future become large enough to supply six instead of two good sized canneries.

I am, sir,

Your obedient servant,

C. HARRISON.

SESSIONAL PAPER No. 22

REPORT ON THE FISHERIES OF DISTRICT No. 3

To the Chief Inspector of Fisheries,
New Westminster, B.C.

SIR,—I have the honour to enclose my statistical report on the fisheries for District No. 3, of the province of British Columbia, for the fiscal year ended March 31, 1913.

This was a banner year in the various branches of the fishing industry throughout the district, and the development along all lines was most satisfactory. This was especially the case in the salmon and herring fisheries. The total value of fish and fish products for the year was \$3,110,877 against \$2,786,302 for the year ended March 31, 1912, an increase of \$324,575. Last year the value of salmon marketed was \$1,485,517; this year it is \$1,931,685, an increase of \$446,168. The salmon catch last year was 166,322 cwts.; this year it is 221,410 cwts., an increase of 55,088 cwts. 700,000 pounds of spring salmon were put up by the mild cure packers at Victoria for the foreign market. These salmon were taken in the traps operating on the south-west coast of Vancouver Island. Five traps fished last season. They were operated by J. H. Todd and Sons. This firm is the only one operating traps on the coast of Vancouver Island. One new salmon cannery was erected and operated for the first time at Bargain Harbour, on the mainland coast, this season.

The herring fisheries continue to show a satisfactory development, especially in Nanaimo District, where the increase over last season was 10,000 cwts. In the Pender Harbour District the catch was only a little over one-fifth of last year's. This was owing to the inner waters of the harbour being closed to seine fishing.

The halibut fishing on the west coast of Vancouver Island received greater attention this past season than ever before, and the various fishing vessels engaged in this branch were rewarded with a fair measure of success; but owing to the unusually stormy weather which prevailed through the winter months, their operations were greatly hampered. The cold storage plant erected at Uchucklesit Harbour, Barclay Sound, Vancouver island, is proving a great stimulus to the fisheries on that coast.

The two whaling stations operated by the Canadian North Pacific Fisheries on the west coast of Vancouver Island had a fairly successful season. The whales taken to the station at Kyuquot Sound numbered 297, and the number taken to the Barclay Sound station was 284, making a total capture of 581, which includes sixteen sperm whales. Last year the number of sperm whales taken was 24, and the year before eleven sperm whales were captured.

In compliance with the conditions agreed upon by the various powers interested in the preservation and protection of the fur seals, which frequent the waters of the North Pacific ocean, the sealing vessels accustomed to engage in this industry did not go out, consequently only the Indians along the west coast of Vancouver Island hunted the fur seal. They succeeded in capturing 205 skins, valued at \$6,150. Under the sealing regulations, the Indian is only permitted to kill the seal with a spear, and can only use a canoe. The large price offered for the skins is a great temptation to the Indian to adopt modern methods in seal-hunting thereby violating the regulations.

It is very gratifying to report, however, that the fisheries regulations throughout the district were well observed during the past season, and the infringements were fewer than in any previous season.

I am, sir,

Your obedient servant,

EDWARD G. TAYLOR,
Inspector of Fisheries.

SUMMARY

Of the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state, for District No. 1, Province of British Columbia, during the year 1912-13.

Kinds of Fish.	Caught and Landed in a Green State.		Marketed.		Total Marketed Value.
	Quantity.	Value.	Quantity.	Value.	
		\$		\$	
Salmon..... cwt.	*410,000	1,435,000			
" used fresh and frozen. "			56,970	712,125	
" canned..... cases.			173,921	1,087,006	
" salted..... cwt.			118,668	1,186,895	
" mild cured..... "			36,002	112,530	
" smoked..... "			1,206	18,090	
					3,116,646
Cod..... "	14,750	81,125			
" used fresh..... "			13,118	131,180	
" shipped green-salted..... "			211	2,637	
" dried..... "			376	5,640	
					139,457
Oysters (native)..... "	755	3,267	755	3,267	
" (transplanted from East used fresh)..... "	4,809	8,015	4,809	8,015	
					11,282
Herring..... "	46,800	140,400			
" used fresh..... "			32,813	328,430	
" smoked..... "			6,609	99,135	
" pickled..... brls.			215	7,350	
					434,915
Octopus..... cwt.	245	1,715	245		3,675
Whiting..... "	500	1,750	500		5,000
Perch..... brls.	1,306	7,836	1,306		13,060
Halibut..... "	211,274	1,267,644	211,274		2,102,495
Flounders..... "	950	3,800	950		7,600
Smelts..... "	1,864	9,320	1,864		27,960
Trout..... "	2,505	25,055	2,505		37,582
Oulachans..... "	800	3,200	800		8,000
Sturgeon..... "	5,051	35,357	5,051		75,765
Soles..... "	3,520	17,600	3,520		35,200
Skate..... "	898	2,694	898		7,184
Shrimp..... "	27	270	27		540
Clams..... brls.	2,712	5,424			
" used fresh..... "			2,712		13,560
Crabs..... cwt.	20,252	81,008	20,252		202,520
Salted salmon coe..... "			2,000		10,000
Fish oil..... gallons			19,276		5,782
Guano..... tons			150		5,097
Totals.....		3,130,480			6,263,320

*Of the Salmon catch 216,335 cwt. were dog salmon of low value.

SESSIONAL PAPER No. 22

SUMMARY

Of the Number of Fishermen, &c., and of the Number and Value of Fishing Vessels, Boats, Nets, &c., in District No. 1, Province of British Columbia, for the year 1912-13.

	Number.	Value.
		\$
Vessels (tonnage 1,696).....	8	443,000
Boats (sail)	220	18,700
" (gasoline)	1,210	605,000
Tugs, smacks, &c.	41	82,000
Gill nets.....	1,448	181,000
Seines.....	5	1,250
Salmon trap.....	2	16,000
Smelt nets	57	2,850
Trawls	550	27,500
Hand lines.....	375	938
Salmon canneries.....	15	600,000
Oil factories	1	37,000
Freezers and Ice-houses.....	5	420,000
Smoke and Fish houses.....	7	280,000
Piers and wharfs.....	38	1,182,700
Totals.....		3,895,938

Number of men employed on vessels and tugs.....	243
" " boats.....	2,860
" persons employed in Fish-houses, freezers, canneries, &c	1,640
Totals.....	4,743

SESSIONAL PAPER No. 22

THE CATCH.

RETURN showing the Quantities and Values of all Fish caught and landed in a Green State in the District No. 2, Province of British Columbia, during the Year 1912-13.

Numbers.	Fishing Districts.	Salmon, * cwt.	Salmon, value.	Cod, cwt.	Cod, value.	Herring, cwt.	Herring, value.	Halibut, cwt.	Halibut, value.	Trout, cwt.	Trout, value.	Oulachans, cwt.	Oulachans, val.	Mixed Fish, cwt.	Mixed Fish, val.	Whales, number.	Whales, value.	Numbers.
1	Skeena River and Prince Rupert.	232901	349351	1600	8000	139310	139310	22741	159187	50	500	2000	10000	90	450	526	157800	1
2	River Inlet.	116090	174135	...	...	75	75	40	280	6	60	4500	22500	18	90	...	...	2
3	Naas River.	63645	95467	...	...	114	114	1000	7000	7	70	6800	34000	65	325	...	...	3
4	North Coast.	139264	208896	...	...	20008	20008	1298	9086	8	80	500	2500	75	375	...	...	4
5	Queen Charlotte Islands.	37747	56620	...	...	7280	7280	4000	28000	10	100	...	...	450	2250	...	...	5
	Totals	589647	884469	1600	8000	166787	166787	29079	203553	81	810	13800	69000	698	3490	526	157800	

Cwt. = 100 lbs.

THE CATCH MARKETING.

Return showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state, for District No. 2, Province of British Columbia, during the Year 1912-13.

Number.	Fishing Districts.	Salmon, fresh and frozen, cwts.	Salmon, canned, cases.	Salmon, salted, cwts.	Salmon, mild, cured, cwts.	Salmon, smoked, cwts.	Coel, fresh, cwts.	Herring, fresh, cwts.	Herring, smoked, cwts.	Herring, pickled, brls.	Herring, used as bait, brls.	Halibut, fresh, cwts.	Trout, fresh, cwts.	Oulachans, fresh, cwts.	Mixed fish, fresh, cwts.	Hair seal skins, number.	Fish oil, gals.	Whale oil, gals.	Number.
1	Skeena River and Prince Rupert	5999	254,258	44	8644	433	1600	1300	1500	18070	40400	22741	50	2000	90	375	1400	.....	1
2	Rivers Inlet	.....	137,697	.....	.....	250	.....	.....	.....	25	.....	40	6	4500	18	350	800	.....	2
3	Naas River	1200	71,162	.....	1020	700	.....	15	12	25	.....	1000	7	6800	65	400	16500	.....	3
4	North Coast	102	163,585	.....	357	725	.....	.....	.....	.....	10004	1298	8	500	75	800	1000	.....	4
5	Queen Charlotte Islands	.....	36,666	3788	119	1200	.....	6000	40	400	.....	4000	10	...	450	350	35000	484840	5
	Totals	7301	663,368	3832	10140	3305	1600	7315	1552	18520	50404	29079	81	13800	698	2275	54700	484840	
	Rates	5	6.50	5	10	10	5	1	10	2.50	1	7	10	5	5	.25	.35	.32	
	Values	36505	4311892	19160	101400	33080	8000	7315	15520	46300	59404	203553	810	69000	3490	569	19145	155148	
	Total value	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	\$5,081,291

Cwts. - 100 lbs.

SESSIONAL PAPER No. 22

RECAPITULATION

Of the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state, for District No. 2, Province of British Columbia, during the year 1912-13.

Kinds of fish.		Caught and Landed in a Green State.		Marketed.		Total marketed value.
		Quantity.	Value.	Quantity.	Value	
			\$		\$	\$
Salmon.....	Cwts.	589,647	884,469			
" used fresh and frozen	"			7,301	36,505	
" canned.. . . .	Cases.			663,368	4,311,892	
" salted.....	Cwts.			3,832	19,160	
" mild cured.....	"			10,140	101,400	
" smoked.....	"			3,308	33,080	
						4,502,037
Cod.....	Cwts.	1,600	8,000			
" used fresh	"			1,600		8,000
Herring.....	"	166,787	166,787			
" used fresh.....	"			7,315	7,315	
" smoked.....	"			1,552	15,520	
" pickled	Erls.			18,520	46,300	
" used as bait.. . . .	"			50,404	50,404	
						119,539
Halibut.....	Cwts.	29,079	203,553	29,079		203,553
Trout.....	"	81	810	81		810
Oulachans.....	"	13,800	69,000	13,800		69,000
Mixed Fish.....	"	698	3,490	698		3,490
Hair seal skins	No.			2,275		569
Fish oil.....	Gals.			54,700		19,145
Whale oil.....	"			484,840		155,148
Whales.....	No.	526	157,800			
Totals.....			1,493,909			5,081,291

RECAPITULATION

Of the Number of Fishermen, &c., and of the Number and Value of Fishing Vessels, Boats, Nets, &c., in District No. 2, Province of British Columbia, for the year 1912-13.

	Number.	Value.
		\$
Vessels (tonnage 650).....	14	360,000
Boats (sail).....	2,184	164,795
Tugs, Smacks, etc.....	99	323,000
Gill Nets	2,999	364,269
Seines.....	80	32,052
Skates of Gear (400 fath=1 Skate).....	528	10,560
Hand Lines.....	1,000	1,000
Salmon Canneries.....	34	1,635,000
Freezers and Ice-houses.....	7	732,000
Whaling Stations	2	240,000
Piers and Wharfs.....	47	477,000
Totals.....		4,339,676

Number of men employed on Vessels and Tugs.....	355
" " " Boats.....	3,694
" persons employed in Fish-houses, Freezers, Canneries, &c.....	3,950
Total	7,999

SESSIONAL PAPER No. 22

RETURN showing the Number of Fishermen, &c., the Number and Value of Vessels and Boats, and the Quantity and Value of Fishing Gear, &c., used in the Fishing Industry in the County of District No. 3, Province of British Columbia, during the year 1912-13.

Number.	Fishing Districts.	Fishing Vessels, Boats Tugs, etc.										Fishing Gear.					
		Vessels.		Boats.				Tugs, Smacks, etc.		Gill Nets.		Seines.		Trap Nets.		Number.	Value.
		Number.	Tons.	Value.	Men.	Sail.	Value.	Gasoline.	Value.	Men.	Number.	Value.	Number.	Value.	Number.	Value.	
1	Nanaimo.....	13	58	6500	8	.....	.....	41	32800	475	.....	.....	.....	.....	.....	.....	.....
2	Victoria-Cowichan.....	11	300	425000	120	9	800	43	34400	210	3	27200	15	.....	.....	.....	.....
3	Alberni.....	2	170	80000	25	10	950	7	5600	130	.....	.....	.....	.....	.....	.....	.....
4	Clayoquot.....	1	80	45000	12	8	750	4	3200	75	.....	.....	.....	.....	.....	.....	.....
5	Quatsino.....	.....	.....	.....	.....	5	450	3	2400	55	.....	.....	.....	.....	.....	.....	.....
6	Alert Bay.....	.....	.....	.....	.....	6	540	7	10540	175	.....	.....	.....	.....	.....	.....	.....
7	Quathiaski.....	.....	.....	.....	.....	7	650	3	2400	70	.....	.....	.....	.....	.....	.....	.....
8	Comox.....	.....	.....	.....	.....	4	360	2	1600	25	.....	.....	.....	.....	.....	.....	.....
9	Pender Harbor.....	.....	.....	.....	.....	15	1350	14	8000	200	.....	.....	.....	.....	.....	.....	.....
Totals.....		16	608	556500	165	64	5850	124	100900	1415	3	27200	15	293	26350	150	112200
																5	55000

SESSIONAL PAPER No. 22

RETURN showing the Quantities and Values of all Fish caught and landed in a Green state in the County of District No. 3, Province of British Columbia, during the Year 1912-13.

Number.	Fishing Districts.	Salmon, * cwt.	Salmon, value.	Cod, cwt.	Cod, value.	Herring, cwt.	Herring, value.	Hallbut, cwt.	Hallbut, value.	Flounders, cwt.	Flounders, value.	Smelts, cwt.	Smelts, value.	Trout, cwt.	Trout, value.	Oulachans, cwt.	Oulachans, value.	Mixed Fish, cwt.	Mixed Fish, value.	Clams, brls.	Clams, value.	Whales, number.	Whales, value.	Number.
1	Nanaimo.....	15960	95760	3900	19500	468055	468055	450	2250	85	425	890	7120	10	100	125	625	2300	11500	5365	10730	.....	.....	1
2	Cowichan.....	43000	258000	4790	23950	1100	1100	2420	12100	600	3000	890	7120	25	250	125	625	2500	12500	3050	6100	.....	.....	2
3	Alberni.....	67610	405660	220	1100	18300	18300	600	3000	75	375	.....	.....	15	150	.....	.....	750	3750	70	140	294	85200	3
4	Clayoquot.....	7720	46320	280	1400	10800	10800	4000	20000	65	325	.....	.....	10	100	.....	.....	1000	5000	75	150	.....	.....	4
5	Quatsino.....	16905	101430	250	1250	10600	10600	4500	22500	80	400	.....	.....	10	100	.....	.....	500	2500	75	150	297	89100	5
6	Alert Bay.....	35955	215700	260	1300	275	275	450	2250	75	375	35	280	10	100	.....	.....	800	4000	45	90	.....	.....	6
7	Quathiaska.....	16600	99600	270	1350	250	250	220	1100	80	400	124	992	25	250	.....	.....	450	2250	55	110	.....	.....	7
8	Comox.....	1545	9270	360	1800	300	300	150	750	70	350	24	192	30	300	.....	.....	500	2500	45	90	.....	.....	8
9	Pender Harbour....	16120	96720	900	9500	6300	6300	140	700	75	375	340	2720	40	400	70	350	1300	6500	85	170	.....	.....	9
	Totals.....	221410	1328460	12230	61150	515980	515980	12930	64650	1205	6025	1413	11304	175	1750	195	975	10100	50500	8865	17730	581	174300	

* Cwt. = 100 lbs.

THE CATCH MARKETING
Return showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c. state, for the
District No. 3, Province of British Columbia, during the Year 1912-13.

Numbers.	Fishing Districts.	Salmon, fresh and frozen, cwts.	Salmon, canned, cases.	Salmon, salted, cwts.	Salmon, mild cured, cwts.	Salmon, smoked, cwts.	Cod, fresh, cwts.	Herring, fresh, cwts.	Herring, smoked, cwts.	Herring, dry salted, cwts.	Herring, used as bait, brls.	Halibut, fresh, cwts.	Flounders, fresh, cwts.	Smelts, fresh, cwts.	Trout, fresh, cwts.	Numbers.
1	Nanaimo.....	6500	.....	7500	.....	50	3900	250	75	273750	1140	450	85	.....	10	1
2	Cowichan.....	9100	25500	4000	4900	75	4790	310	25	.....	350	2420	600	890	25	2
3	Alberni.....	400	80590	.....	.....	40	220	150	30	10600	.....	600	75	.....	15	3
4	Clayoquot.....	450	8000	.....	.....	50	280	260	40	6045	.....	4000	65	.....	10	4
5	Quatsino.....	100	20125	.....	.....	45	250	275	50	6000	.....	4500	80	.....	10	5
6	Alert Bay.....	1400	41017	.....	.....	50	260	165	25	.....	.....	450	75	.....	10	6
7	Quathiaska.....	420	19189	.....	.....	45	270	150	20	.....	.....	220	80	124	25	7
8	Comox.....	1500	.....	.....	.....	25	360	200	30	.....	.....	150	70	24	30	8
9	Pender Harbour.....	300	18647	.....	.....	125	1900	800	400	3000	.....	140	75	340	40	9
	Totals.....	20170	213068	11500	4900	505	12230	2550	695	299395	1490	12930	1205	1413	175	
	Rates.....	9	7.50	9	9	9	5	1	12	1.50	2	12	5	10	10	
	Values.....	181530	1598010	103500	44100	4545	61150	2550	8340	449093	2980	155160	6025	14130	1750	

SESSIONAL PAPER No. 22

THE CATCH MARKETED

RETURN showing the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state, for the District No. 3, Province of British Columbia, during the Year 1912-13—Concluded.

Fishing Districts.	Numbers.										Numbers.									
	Oulachans, fresh, cwts.	Mixed Fish, fresh, cwts.	Squid, used as bait, brls.	Oysters, fresh, brls.	Clams & Quahaugs, fresh, brls.	Clams & Quahaugs, canned, cases.	Other Shell Fish, fresh, cwts.	Fur Seal Skins, number.	Whale Bone Meal, tons.	Whale Fertilizer, tons.	Fish Oil, gals.	Whale Oil, gals.								
1 Nanaimo.....	.....	2300	.....	.....	65	5300	.....	.....	.....	.....	4250	.....							
2 Cowichan	125	2500	.....	.....	395	2655	.....	205	.....	.....	2100	.....							
3 Alberni.....	.....	750	.....	.....	70	.....	.....	.....	284	678	550	370944		
4 Clayoquot .....	.....	1000	.....	.....	75	.....	.....	.....	.....	.....	425	.....							
5 Quatsino.....	.....	500	.....	.....	75	.....	.....	.....	372	806	500	513312		
6 Alert Bay.....	.....	800	.....	.....	45	.....	.....	.....	.....	.....	450	.....							
7 Quathiaska .....	.....	450	.....	.....	55	.....	.....	.....	.....	.....	325	.....							
8 Comox.....	.....	500	.....	.....	45	.....	.....	.....	.....	.....	2500	.....							
9 Pender Harbor.....	70	1300	.....	.....	85	.....	.....	.....	.....	.....	750	.....							
Totals.	195	10100	.....	.....	910	7955	.....	205	656	1484	11850	884256					
Rates.....	10	5	.....	.....	2	4	.....	30	24	38	35	35					
Values	1950	50500	.....	.....	1820	31820	.....	6150	15744	56392	4148	309490					
Total value.....													\$3,110,877							

*Cwt. = 100 lbs.

RECAPITULATION

Of the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state, for District No. 3, Province of British Columbia, during the year 1912-13.

Kinds of Fish.	Caught and Landed in a Green State.		Marketed.		Total marketed value.
	Quantity.	Value.	Quantity.	Value.	
		\$		\$	\$
Salmon..... cwts.	221,410	1,328,460			
" used fresh and frozen..... "			20,170	181,530	
" canned..... cases.			213,068	1,598,010	
" salted..... cwts.			11,500	103,500	
" mild cured..... "			4,900	44,100	
" smoked..... "			505	4,545	
					1,931,685
Cod..... "	12,230	61,150			
" used fresh..... "			12,230		
					61,150
Herring..... "	515,980	515,980			
" used fresh..... "			2,550	2,550	
" smoked..... "			695	8,340	
" dry salted..... "			299,395	449,093	
" used as bait..... brls.			1,490	2,980	
					462,963
Halibut..... cwts.	12,930	64,650	12,930		155,160
Flounders..... "	1,205	6,025	1,205		6,025
Smelts..... "	1,413	11,304	1,413		14,130
Trout..... "	175	1,750	175		1,750
Oulachans..... "	195	975	195		1,950
Mixed fish..... "	10,100	50,500	10,100		50,500
Clams and Quahaugs..... brls.	8,865	17,730			
" " used fresh..... "			910	1,820	
" " canned..... cases.			7,955	31,820	33,640
Fur seal skins..... No.			205		6,150
Whale-bone meal..... "			656		15,744
Whale fertilizer..... "			1,484		56,392
Fish oil..... gals.			11,850		4,148
Whale oil..... "			884,256		309,490
Whales..... No.	583	174,300			
		2,232,824			3,110,877

SESSIONAL PAPER No. 22

RECAPITULATION

OF the Number of Fishermen, etc., and of the Number and Value of Fishing Vessels, Boats, Nets, &c., in District No. 3, Province of British Columbia, for the Year 1912-13.

	Number.	Value.
		\$
Vessels (tonnage 608)	16	556,500
Boats (sail).....	64	5,850
" (gasoline).....	124	100,900
Tugs, Smacks, &c.	3	27,200
Gill nets	293	26,350
Seines.....	150	112,200
Salmon traps.....	5	55,000
Hand lines.....	205	835
Salmon canneries.....	11	282,000
Clam	2	8,000
Freezers and ice-houses.....	3	225,000
Smoke and fish-houses.....	39	45,600
Whaling stations.....	2	260,000
Total.....		1,705,435

Number of men employed on vessels and tugs.....	180
" " " boats.	1,415
" persons employed in fish-houses, freezers, canneries, &c.....	1,291
Total	2,886

RECAPITULATION

Of the Quantities and Values of all Fish caught and landed in a Green State, and of the Quantities and Values of all Fish and Fish Products Marketed in a fresh, dried, pickled, canned, &c., state, for the **Whole** Province of **British Columbia**, during the Year 1912-13.

Kinds of Fish.	Caught and landed in a green state.		Marketed.		Total Marketed Value.
	Quantity.	Value.	Quantity.	Value.	
		\$		\$	\$
Salmon..... cwts.	1,221,057	3,647,920			
" used fresh			84,441	930,160	
" canned			1,050,357	6,996,908	
" salted			134,000	1,309,555	
" mild cured.....			51,042	258,030	
" smoked.....			5,019	55,715	
					9,540,368
Cod	28,580	150,275			
" used fresh			26,948	200,330	
" shipped green-salted. .			211	2,637	
" dried.....			376	5,640	
					208,607
Oysters..... brls.	2,781	11,282	2,781		11,282
Herring..... cwts.	729,567	823,167			
" used fresh.....			42,708	338,295	
" smoked.....			8,856	122,995	
" dry salted.....			299,395	449,093	
" pickled..... brls.			18,765	53,550	
" used as bait			51,894	53,384	
					1,017,417
Octopus	245	1,715	245		3,675
Whiting.....	500	1,750	500		5,000
Perch.....	1,306	7,836	1,306		13,060
Halibut	253,283	953,159	253,283		2,461,208
Flounders.....	2,155	9,825	2,155		13,625
Smelts	3,277	20,624	3,277		42,090
Trout.....	2,761	27,615	2,761		40,142
Oulachans.....	14,795	73,175	14,795		78,950
Sturgeon.....	5,051	35,357	5,051		75,765
Soles.....	3,520	17,600	3,520		35,200
Skate	898	2,694	898		7,154
Shrimp.....	27	270	27		540
Mixed fish.....	10,798	53,990	10,798		53,990
Clams and Quahaugs..... brls.	11,577	23,154			
" " used fresh. "			3,622	15,380	
" " canned.... cases.			7,955	31,820	
					47,200
Crabs, Cockles and other shell fish..... cwts.	20,252	81,008	20,252		202,520
Salmon roe.....			2,000		10,000
Whale fertilizer			1,484		56,392
Fur seal skins..... No.			205		6,150
Hair seal skins.....			2,275		569
Guano			150		5,097
Fish oil			85,826		29,075
Whale oil.....			1,369,096		464,638
Whales	1,107	332,100			
Whale bone meal..... cwts.			656		15,744
Totals.....		6,857,213			14,455,488

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RECAPITULATION

Of the Number of Fishermen, &c., and of the Number and Value of Fishing Vessels, Boats, Nets, &c., in the whole province of **British Columbia**, during the year 1912-13.

	Number	Value.
		\$
Vessels (tonnage 2,954).....	38	1,359,500
Boats (sail).....	2,468	189,345
" (gasoline) ..	1,334	705,900
Tugs, Smacks, &c.....	143	432,200
Gill Nets.....	4,740	571,619
Seines.....	235	145,502
Salmon Traps.....	7	71,000
Smelt Nets.....	57	2,850
Trawls.....	550	27,500
Hand Lines.....	1,580	2,773
Oil Factories.....	1	35,000
Whaling Stations.....	4	500,000
Salmon Canneries.....	60	2,517,000
Clam ..	2	8,000
Freezers and Ice houses.....	15	1,377,000
Smoke and Fish-houses.....	46	325,600
Piers and Wharfs	85	1,659,700
Skates of Gear (400 fathoms = 1 skate).....	528	10,560
Totals.....		9,941,049

Number of men employed on Vessels and Tugs.....	778
" " " Boats.. . . .	7,969
" persons employed in Fish-houses, Freezers, Canneries, &c.....	6,881
Totals.....	15,628

APPENDIX No. 12.

Imports and Exports of Fish

IMPORTS.

STATEMENT showing the Quantities of the Chief Commercial Fish and Fish Products
Imported into Canada, for Home Consumption, during the fiscal year 1912-13.

(From Report of Customs Department.)

Cod, Haddock, Hake and Pollock (fresh)	cwts.	1,955
" " (dried).....	"	8,176
" " (smoked).....	"	19
" " (green salted)	"	2
" " (pickled).....	"	7
Halibut, (fresh)	"	33,703
Herring, (fresh).....	"	132
" (pickled).....	"	21,961
" (smoked)	"	22
Mackerel, (fresh).....	"	359
" (pickled).....	"	1,454
Salmon, (fresh).....	"	3,238
" (smoked).....	"	99
" (canned).....	"	5,507
" (pickled).....	"	73
Bait fish.	"	1,021
Lobsters, (fresh).....	"	281
" (canned).....	"	19
Oysters, (fresh, in shell)	brls.	5,990
" (shelled, in bulk)	gals.	259,793
" (canned, one pint and under) ..	cans.	531,682
" " (one quart and under).....	"	10,360
" " (over one quart).....	quarts.	2,268
" (preserved).....	cwts.	506
Fish oil, cod.....	gals.	40,532
Seal oil.....	"	1,213
Whale oil.....	"	2,946
Other oil.....	"	48,831

The value of the imports of fish and fish products for the year 1912-13 amounted to \$1,682,901.

EXPORTS.

STATEMENT showing the Quantities of the Chief Commercial Fish and Fish Products (the Produce of Canada) Exported during the fiscal year 1912-13.
—From Report of Customs Department.

TO	Cod, including Haddock, Hake and Pollock.				Herring.			Mackerel.		Lobsters.	
	Fresh.	Dry.	Green salted.	Pickled.	Fresh.	Pickled.	Smoked	Canned.	Fresh.	Pickled.	Canned.
	cwts.	cwts.	cwts.	cwts.	cwts.	brls.	cwts.	cwts.	cwts.	brls.	lbs.
United Kingdom		21,158		1,193	100	209	291				
United States	3073	128,582	10,864	288	271,699		14,076	344	31,185	9,210	2,824,057
B. W. Indies	20	148,248	98	258	118		15,577			3,724	2,415,505
Bermuda		2,863				187	252	3		37	4,204
B. Guiana		24,640			15	1,843	924			224	456
B. Honduras		451									3,538
Malta		560									
Newfoundland		11,662			3,789	37	499			5	5,904
Austria-Hungary		448									
Brazil		118,858									
Costa Rica		4,431				31	10			105	
Cuba		62,789				145	347			6	
Danish West Indies		1,889				236	158			7	
Dutch Guiana		7,811				22	126			1	
Egypt and Soudan		210									
French West Indies		201				10	12				
Guatemala		370									
Hawaii		2,025									
Hayti		2,680									
Italy		36,735									
Miquelon and St. Pierre						1	32				
Nicaragua		37									
Panama		18,834				90	257			493	
Porto Rico		90,386				2,534				3	
Portugal		7,313									
San Domingo		6,078									
Spain		2,544									
United States of Colombia		3,302				30	21			52	

EXPORTS—*Concluded.*

STATEMENT showing the Quantities of the Chief Commercial Fish and Fish Products (the Produce of Canada) Exported during the fiscal year 1912-13.

-- From Report of Customs Department.

TO	Salmon.				Oysters.	Bait including clams.	Oil.			Halibut	
	Fresh.	Canned.		Smoked.	Pickled.		Fresh.	Cod.	Seal.		Whale.
		cwts.	cwts.								
United Kingdom	6,586	159,991		220	43		8,629	28,448	600,481	2	
United States	17,625	112	18	1,343	470		102,926		1,017,846	29,017	
B. W. Indies	93			394			6,861				
Bermuda		240		6							
B. Guiana		70		32							
B. Honduras											
Malta											
Newfoundland		24		8			31,860	1,700			
Austria-Hungary					13						
Brazil				13							
Costa Rica							82				
Cuba				8							
Danish West Indies				57							
Dutch Guiana											
Egypt and Soudan											
French West Indies											
Guatemala											
Hawaii											
Hayti											
Italy											
Miquelon and St. Pierre		6			13						
Nicaragua				155							
Panama				3							
Porto Rico						5					
Portugal											
San Domingo											
Spain				26							
United States of Columbia											
Venezuela											
Australia	118	24,338		9						10	
Hong Kong	189	801		103							

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[illegible]

The value of fish and fish products (the produce of Canada) exported during the year 1912-13, amounted to \$16,336,721.

APPENDIX NO. 13.

STATEMENT of Number of Prosecutions, &c., for offences against the Fisheries Act.

Locality.	Number of prosecutions	Nature of Offences.	Amount of penalty credited to Receiver General.	Amount received from sale of confiscated fish and gear.	Total amount credited to Receiver General.	Remarks.
<i>Nova Scotia.</i>						
District No. 1.....	10	7 cases having berried lobsters in possession; 1 case selling berried lobsters; 2 cases of pollution of stream by sawdust.	\$ 115 00	\$ cts.	\$ 115 00	Moieties of fines paid to complainants.
District No. 2....	31	1 case pollution of stream by sawdust; 2 cases having berried lobsters in possession; 13 cases illegal lobster fishing; 15 cases illegal salmon fishing.	302 50	65 24	367 74	In 3 cases the fines were not paid and defendants went to jail.
District No. 3.....	9	6 cases illegal salmon fishing; 1 case having berried lobsters in possession; 1 case packing berried lobsters; 1 case American vessel procuring supplies without a license.	143 75	18 15	161 90	Half of fines paid to complainants.
<i>New Brunswick.</i>						
District No. 1.....	10	1 case of having undersized lobsters in possession; 9 cases contravention of Fisheries Act.	73 50	87 31	160 81	3 sales of confiscated fish.
District No. 2.....	15	Contravention of Fisheries Act.	119 50	48 00	167 50	
District No. 3.....	2	Illegal salmon fishing.	15 00	7 00	22 00	
<i>Prince Edward Island.</i>						
	4	3 cases of having oysters in possession during close season; 1 case of illegal trout fishing.	27 50	27 50	Moieties of fines paid to complainants.

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Quebec.	Gulf Division	3	2 cases of packing lobsters illegally; 1 case illegal fishing.	25 00	2137 50	2,162 50	Sale of confiscated cases of lobsters.
	Inland Division	33	8 cases having undersized fish in possession; 6 cases of pollution of streams by mill refuse; 18 cases of illegal fishing; 1 case of using dynamite in fishing.	254 00	.....	254 00	
Ontario.		3	1 case pollution of stream by mill refuse; 1 case attempting to export Black Bass; 1 case using dynamite in fishing.	141 30	463 84	695 14	
		12	8 cases fishing in prohibited waters; 3 cases illegal fishing; 1 case having pickarel in possession out of season.	82 50	437 50	520 00	Sales of confiscated fish amounted to \$437.50.
Saskatchewan.		23	2 cases of fishing without licenses; 20 cases of fishing in close season; 1 case of obstructing a stream.	93 00	236 00	329 00	Moities of fines paid complainants.
		31	3 cases having undersized fish in possession; 16 cases of fishing without a license; 6 cases of spearing in close season; 3 cases of spearing fish; 2 cases of catching more fish than allowed by law.	77 00	.....	77 00	
British Columbia.		277	60 cases of fishing during weekly close time; 165 cases of obstructing channel with nets; 4 cases of having nets with small mesh; 22 cases of using nets too long; 1 case of pollution of stream; 7 cases fishing in closed waters; 12 cases of having illegally caught fish in possession; 2 cases of fishing without a license; 4 cases of illegal fishing.	1,323 75	229 40	1,553 15	6 cases dismissed from lack of evidence and 7 cases dismissed with a warning.
	District No. 2.	24	6 cases of fishing in prohibited waters; 17 cases of fishing in close time; 1 case of illegal fishing.	309 50	36 00	345 50	
	District No. 3.	24	19 cases of fishing without a license; 3 cases of fishing in close time; 1 case of fishing in prohibited waters; 1 case of having illegally caught fish in possession.	170 00	..	170 00	
Totals.....		511		3,272 80	3,765 94	7,038 74	

APPENDIX No. 14.**FISHERIES PATROL SERVICE**

The following reports on the work of the vessels comprising the Fisheries Patrol fleet during the year 1912-13 are submitted by the Inspectors whose districts the boats respectively serve:—

**REPORT ON THE WORK OF PATROL BOAT No. 1, IN DISTRICT No 2,
NOVA SCOTIA.**

Pictou, N.S., 1913.

To the Superintendent of Fisheries,
Ottawa.

SIR,—During the months of June and July, in the year 1912, this boat was employed in collecting lobster ova from the factories in Antigonish county and conveying them to the hatchway at Tracadie.

After the commencement of the close season the coast waters of Antigonish, Pictou, Colchester and Cumberland, on the Strait of Northumberland, were patrolled and many miles gone over with the grappling-iron to take lobster gear illegally set. On September 3, between Northport and Wallace, ten lobster traps were confiscated; September 5, between Pugwash and Northport, picked up fifty traps.

September 11, found a long line, but no traps.

September 13, between Pugwash and Tidnish, took four lines and 250 lobster traps.

October 18, in Bay de Verte, took a quantity of traps and cordage.

Searching for traps and gear is about the only work the boat is suitable for, being a steamboat, and the speed under most favourable circumstances not more than five and one-half miles per hour.

Many of the fishermen's boats have gasoline engines and can go from nine to ten miles per hour, and if they are detected violating the law can easily escape.

In November the boat went out of commission.

I am, sir,

Your obedient servant,

R. HOCKIN,

Inspector of Fisheries.

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REPORT OF THE WORK OF PATROL BOAT 'DAVIES,' IN DISTRICT No. 2,
NOVA SCOTIA.

Pictou, N.S., 1913.

To the Superintendent of Fisheries,
Ottawa.

SIR,—The coast waters patrolled by this boat are chiefly in Inspectoral District No. 1, but the coast waters of Guysboro county, in District No. 2, is included in the service, and from August 8 to August 16 the coast waters from Canso to Whitehead were patrolled; again from August 26 to August 28 the same district was gone over. From September 11 to September 24 patrol work was done from Canso to Ecum Secum.

From October 11 to the 21st day of the same month she patrolled from Canso to Sonora.

The fact that the boat may appear at any time or place on the division has the effect of preventing violations of law.

On none of the above occasions was any lobster gear observed, although at Dover, where some reports of illegal fishing were observed, yet after diligent searching and use of the grappling-iron, none were found.

I am, sir,

Your obedient servant,

R. HOCKIN,
Inspector of Fisheries.

REPORT ON WORK OF PATROL BOATS 'A' AND 'B.'

SHELBURNE, N.S., 1913.

To the Superintendent of Fisheries,
Ottawa.

SIR,—The following is a brief description of the work of the patrol boats 'A' and 'B,' for the year 1912-13.

Patrol boat 'A,' Capt. Hadley Blackford, went into commission the 1st of September, being placed on the bay shore of Digby county. This boat performed fairly satisfactory work in the protection of the close season lobster regulations, until the opening of the fishing season, January 6, after which she was laid up for the winter.

Patrol boat 'B,' Capt. John Bateman, went into commission the 1st of November, and was placed on the Shelburne County district, giving special attention to the prevention of illegal lobster fishing in the Clarke's Harbour and Seal Island district. This boat greatly assisted in the prevention of violations of the close season regulations, with the result that very little illegal fishing was done. She continued her patrol until the opening of the lobster season, December 15, when she was laid up for the winter.

These two boats were the first of a series of five specially designed for the Fishery Patrol Service. They are 45 feet long, 12 feet beam, 4½ feet draft. They are propelled by double gasoline engines of 20 horse-power each, and can develop 12 knots an hour. They each carry a complement of four men.

I am, sir

Your obedient servant,

WARD FISHER,
Inspector of Fisheries.

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REPORT ON WORK OF PATROL BOATS 'RICHMOND' AND 'J. L. NELSON.'

CHARLOTTETOWN, P.E.I., 1913.

To the Superintendent of Fisheries,
Ottawa.

SIR,—Guardian Peter J. Cameron, who is in charge of the motor boat *Richmond*, reports that on May 20, 1912, he entered on the duties assigned to him of protecting the oyster beds of Grand river and Richmond bay, and gave particular attention to keeping quahaug fishermen within the boundaries marked for them, and keeping strict watch that no one interfered with the oyster beds during the quahaug season; also visited lobster canneries in the district during the lobster season, and to see that fishermen or packers were not taking spawn lobsters. He states that during his several visits to the canneries in Richmond bay, that he found no spawn lobsters, after the close of the lobster season, on July 10. He devoted his time during the latter part of July and August in watching for illegal lobster fishing, when he found and destroyed a quantity of traps and lines.

The quahaug season opened on the 1st of September, and he took up the work of keeping the quahaug fishermen within the boundaries laid out for them. From the opening of the oyster season on the 1st of October until the close of navigation, he devoted his time in protecting the oyster beds from being robbed of small oysters.

In some parts of Richmond bay he found star fish quite plentiful, and oysters on many beds destroyed by them.

THE PATROL BOAT 'NELSON.'

Captain Wrayton patrolled the coast from Miminigash to Egmont bay, and northward, after the close of the late lobster season, making Miminigash his headquarters.

Good effective work was done, and many traps and lines were destroyed after the close of the season.

I am, sir,

Your obedient servant,

J. A. MATHESON,

Inspector of Fisheries.

REPORT ON WORK OF PATROL BOAT No. 2.

CAMPOBELLO, 1913.

To the Superintendent of Fisheries,
Ottawa.

SIR,—Owing to delay in repairs on this boat she did not go into commission until May 28. As usual Captain Mitchell maintained an effective patrol against violators from the American side, particularly those who were attempting to dynamite pollock. No. 2 also did good service in visiting different parts of the county of Charlotte during the close season and prevented lobster fishing being done. She also destroyed all traps found set during that period. Without the assistance of this boat the lobster regulations would be flagrantly violated. I went to the different parts of the district in her when the occasion called for my being there and she could be spared from her ordinary work.

I am deeply grieved to have to report the death of Captain Silas Mitchell, who commanded this boat. Captain Mitchell was in poor health during the latter part of the season, but stuck to his post until the boat was laid up in December. He passed away on April 27.

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No. 2 has practically outlived her usefulness. She is too slow and is becoming unseaworthy. No doubt the new boat now being built in her place will be a great improvement over the old one.

She was hauled up at Harbour de Loutre, Campobello, on December 17, where she remained until this spring.

I am, sir,

Your obedient servant,

J. F. CALDER,
Inspector of Fisheries.

REPORT ON WORK OF PATROL BOAT 'HUDSON.'

MONCTON, N.B., 1913.

To the Superintendent of Fisheries,
Ottawa.

SIR,—I beg to make the following report on work done by the patrol boat *Hudson*.

Went into commission on June 25, proceeded from Pictou to Cape Tormentine as instructed and assisted in gathering lobster spawn from the different factories along the coast and delivering it to the Shemogue hatchery until July 16, when she went to Shippigan to prevent illegal lobster fishing. Cruised around Caraquette, Shippigan and Miscou islands until August 5, when she went to Shediac. Ordered back to Richibucto on August 14, she remained there under Overseer W. F. Hannah's direction until August 16, when she went to Cape Tormentine. Cruised in vicinity of Shediac, Cape Bauld, Shemogue, Cape Tormentine, Cape Spear and Upper Cape until November 22, when she went to Pictou, to go into winter quarters.

I am, sir,

Your obedient servant,

R. A. CHAPMAN,
Inspector of Fisheries.

REPORT ON WORK OF PATROL BOAT 'C. E. TANNER.'

MAGDALEN ISLANDS, 1913.

To the Superintendent of Fisheries,
Ottawa.

SIR,—I have the honour to send you, according to instructions from Commander Wm. Wakeham, a statement of movements of patrol boat *C. E. Tanner*, and work done during season of 1912.

On June 4, 1912, having received instructions from the Department of Marine and Fisheries to take charge of *C. E. Tanner*, and report to Mr. Chas. Leslie, officer in charge of House Harbour hatchery, I accordingly, on the 5th of June, boarded the *C. E. Tanner* and reported to this officer, and following his instructions, proceeded immediately to carry the lobster spawn from Grand Entry and Amherst island to the House Harbour hatchery, going alternately, one day to Grand Entry, next to Amherst, which work was carried on until July 11, being afterwards employed in distributing the matured spawn in the different lagoons, ending our work in connection with the hatchery on the 30th day of July, 1912.

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On the 31st day of July, 1912, we commenced our patrol in connection with the Fishery Protection Service, patrolling the lagoons of Grand Entry, House harbour and Havre au Basque, until October 16, 1912, during which time we smashed or destroyed 1,549 lobster traps, seized about 4,000 fathoms of rope and two boats engaged in illegal fishing in the lagoons, all of which were sold at auction after due notice was given.

According to instructions the proceeds were duly sent to the Department of Marine and Fisheries. On October 17, we were directed by Commander Wakeham to hold *C. E. Tanner* ready for Pictou. On the 18th we were taken in tow by SS. cruiser *Princess*, and arrived at Pictou on the morning of October 19, and according to instructions immediately left *C. E. Tanner* in charge of W. H. Noonan, agent, Department of Marine and Fisheries.

I am, sir,
Your obedient servant,

CAPTAIN WM. S. ARSENAULT,
Fishery Officer.

REPORT ON WORK OF PATROL BOAT 'LADY OF THE LAKE.'

To the Superintendent of Fisheries,
Ottawa.

SIR,—I have the honour to report with respect to the patrol boat *Lady of the Lake*, for the fiscal year ended March 31, 1912.

The *Lady of the Lake* was employed on the waters of Lake Winnipeg, including all rivers flowing into, and out of, it.

Capt. Forrest was instructed through this office to have necessary repairs and painting done. This work commenced on the Marine railway, on April 13, and was finished May 27. From the latter date she was employed protecting the fisheries in Lake Winnipeg, until the fall, when she assisted in collecting whitefish eggs, for Berens river, Gull harbour, and the Selkirk fish hatchery.

I am pleased to say that the steamer accomplished her work in a very satisfactory manner, considering that her hull was in a very poor condition, and that the season of 1912 was a very rough one.

During the season she covered over 6,500 miles, and went into winter quarters at Selkirk on November 23, 1912.

She was under orders from the writer, who was aboard throughout the season.

I am, sir,
Your obedient servant,

J. A. HOWELL,
Inspector of Fisheries.

NEW WESTMINSTER, B.C., 1913.

To the Superintendent of Fisheries,
Ottawa.

I beg to submit the following reports by the district Inspectors of fisheries on the work of the various patrol boats during the year 1912-13.

I am, sir,
Your obedient servant,

F. H. CUNNINGHAM,
Chief Inspector of Fisheries.

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REPORT ON WORK OF PATROL BOATS OF DISTRICT No. 1.

NEW WESTMINSTER, 1913.

To H. F. CUNNINGHAM, Esq.,
Chief Inspector of Fisheries
For the Province of British Columbia.

SIR,—I beg to submit the report of the service performed by the fisheries patrol boats of this district for the year ended March 31, 1913, as follows:—

SS. 'GEORGIA.'

This boat was employed about three months during the first part of the season patrolling the lower Fraser river and Gulf of Georgia, enforcing the regulations. During this time she logged about 1,000 miles.

As you are aware, she was removed from the service on the 6th of July last, and has since been replaced by the new patrol launch *Foam*, a boat 45 ft. long, 10 ft. beam and 4 ft. draught, fitted out with a 25 horse-power Eastern standard engine. She has a speed of approximately ten miles per hour.

The gasoline launch *Bert White* was chartered for a few weeks to take the place of the *Georgia* during the time the fishing operations were at their height.

LAUNCH 'SWAN.'

This launch, under the charge of Officer Hembrough, was employed during the year patrolling the Fraser river and its various tributaries, including the following: Coquitlam, Pitt, Lillooet, Salmon, Chilliwack and Stave rivers, and Pitt lake, Sumas lake, Hatzic slough and Silver creek. She logged in all 8,020 miles, and found 181 cases of violations of the fishery law, principally fishing in the channel at the mouth of the Fraser river, Steveston, and fishing during the weekly close season. She also assisted in distributing the fry from the Fraser river hatchery.

LAUNCH 'SEMIAHMO.'

This boat has been under the charge of Officer Wm. McLelland Moore, and has been engaged in patrolling the waters of Burrard inlet, English bay and Howe sound, enforcing the regulations, and has logged 5,160 miles.

LAUNCH 'ELK.'

This launch, under the charge of Officer Dauphinee, was employed during the year patrolling the waters of the North arm of the Fraser river, enforcing the regulations, and has travelled about 3,200 miles. One hundred and five cases of violations of the law were reported and dealt with, principally for fishing in the channel and during weekly close season. The *Elk* also assisted in distributing fry from the Fraser river hatchery.

SS. 'RESTLESS.'

Captain Moore's report of the services performed by this steamer for the year is hereto attached.

I am, sir,

Your obedient servant,

A. P. HALLADAY,

Assistant Inspector of Fisheries.

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F. H. CUNNINGHAM, Esq.,
Chief Inspector of Fisheries.

SIR,—In handing in my report of the services performed by the C. G. S. *Restless*, under my command during 1912, while engaged in the inner waters, I beg to say that I reported for duty at New Westminster on June 14, in connection with the salmon fisheries. Continued in this service, making a trip to Bellingham and Unacortes, U.S., until July 3, when we left New Westminster on an inspection visit to all the fishing stations on the coast. During this trip was accompanied by Superintendent of Fisheries Found, Chief Inspector Cunningham, Deputy Provincial Commissioner McIntyre, Inspector Taylor, and Inspector Williams, at different times and places.

On July 5, left Victoria, proceeding to the west coast, where we visited Alberni, Uchuckleisit, Sechart, Whaling station, Uchulet and Kennedy river, Clayoquot sound, returning to Victoria July 10, at midnight.

On the 11th left Victoria to continue the inspection of the inside stations on the north coast, and after taking coal at Nanaimo, proceeded visiting Quathiasca cove, Alert Bay, Smith's inlet, Rivers inlet, Bella Coola, Kimsquit, Bella Bella, Buteglen and Low inlet, arriving at Prince Rupert on the 21st, where the officials left the *Restless*, and continued their work on the C. G. S. *Falcon* and *Wm. Jolliffe*. After bunkering ship, left Prince Rupert on the 23rd for Union bay, where we arrived on the 26th, and awaited the arrival of the officials from the Queen Charlotte islands on the *Wm. Jolliffe* on the 28th, when we left for Vancouver, arriving at 4.30 p.m. Proceeded to New Westminster the following day, having completed a very satisfactory trip to all concerned.

Continued carrying on patrol duty and on August 5 took Superintendent Found, Chief Inspector Cunningham and friends to Blaine, U.S., returning *via* Nanaimo, where ship bunkered. During August was engaged on the Fraser river, making also two trips to Bargain bay, Malaspina straits.

September 3, took Mr. A. Robertson of the Harrison lake hatchery to the head of Jarvis inlet to learn if salmon eggs could be procured in quantities in that vicinity. Returned on the 5th and continued patrol duty until the close of the season, October 31.

During the season had occasion to report eleven boats for violations of the regulations, and their owners were brought before the Inspector and fined for the offences.

October 31, proceeded to Nanaimo, took on board Inspector Taylor and Provincial Officer F. DeGrey, and left on a trip to the head of Seymour inlet, calling at various fishing stations, going and coming. Experienced very severe weather on this trip, arriving back at New Westminster on November 13, where orders were received to proceed to Esquimalt, and outfit for the winter service.

During the period covered by the above report the *Restless* steamed 5,327 statute miles, and was under way 582 hours in the discharge of her duties.

I am, sir,

Your obedient servant,

CHAS. MOORE,

Comdg. C. G. S. Restless.

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REPORT ON WORK OF PATROL BOATS OF DISTRICT No. 2.

VANCOUVER, B.C., 1913.

To the Chief Inspector Fisheries,

New Westminster, B.C.

SIR,—I have the honour to submit my annual report in connection with the services performed by the fisheries patrol boats under my control during the fiscal year just closed.

LAUNCH 'HAWK.'

During the season this launch was engaged patrolling the Skeena river, from April 1 to September 30.

Owing to the effective patrol few seizures were made and comparatively little illegal fishing was indulged in.

She travelled some 2,500 miles during the six months she was in commission.

She was under the supervision of Overseer Norrie.

LAUNCH 'MERLIN.'

During the season the gasoline launch *Merlin* was engaged in patrolling Rivers inlet, making occasional trips of inspection to Smith's inlet and Namu. She is under the control of Overseer Saugstad.

She travelled some 300 miles during the season. She was in commission from May 1 to October 1. Her work was most effective in preventing illegal fishing during the season, scarcely any infringements of the regulations being reported.

LAUNCH 'KA YEX.'

This launch patrols the waters around Prince Rupert and Skeena river. She is in commission during the whole year. She ran about 4,482 miles from February to November, when she was laid up for repairs. The wholesale infractions of the Fisheries Act of recent years have now become a thing of the past, only one conviction being secured last season. I attribute this to the steady patrol service rendered by the two launches *Ka Yex* and *Hawk*. The former launch travels when in good running order fully nine and a half miles an hour, which enables her to cover a large area of water during the weekly close season.

The department is making some needed repairs this spring which will materially assist the Engineer in his work, and be instrumental in keeping the launch continually on the move.

C. G. S. 'FALCON.'

This steamer was under my control from May 30 until October 9, and during that time logged 5,286 miles, making 197 calls at the different fisheries in the district. She patrols a coast line of some 1,100 miles. Her special work is the protection of the salmon and herring fisheries, in District No. 2, and to convey the Inspector of Fisheries to the outlying fisheries that require his supervision. During July she was used by the Superintendent of Fisheries and the Chief Inspector of Fisheries for visits of inspection around Rivers inlet, Skeena river and the Naas river.

Below I give the approximate distances travelled by the *Falcon* during each month and the number of calls made.

	Miles travelled.	Calls made.
May	280	20
June	1,436	48
July	1,599	64
August	935	49
September	460	23
October	576	11
	<hr/> 5,286	<hr/> 197

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LAUNCH 'LINNET.'

This launch patrols the Naas river and Portland inlet under the control of Overseer Adamson. She travelled about 3,000 miles during the season, and was in commission from April 1 to September 30. She is rather small for her work in the rough and dangerous waters of Portland canal. A larger and faster launch would be more effective in enforcing the regulations. For her size and speed she is a first-class little boat.

LAUNCH 'KINGFISHER.'

This launch patrols the waters of Burke channel and Dean channel, which include the Bella Coola and Kimsquit fisheries. She was in commission from about May 1 to September 30, and during that time travelled about 1,500 miles during the season. She is under the control of Overseer Widsten. The canvas cabin she has at present is being replaced by a wooden one, as it was found most unsatisfactory and dangerous in rough weather. She is otherwise a staunch little craft and well suited for her work, giving excellent service and satisfaction.

LAUNCH 'JOSEPHINE.'

Owing to the erection of two canneries in 1912 in the Queen Charlotte Islands division, a patrol boat for the protection of the salmon fisheries was absolutely necessary, and the department placed the launch *Josephine* under the control of Overseer Harrison for that purpose. He did his utmost to protect the fisheries and as the division is such a large one I consider he rendered most effectual service. During the past season he cruised regularly around all the rivers at the northern end of Graham island, and made two trips around the southern end and down as far as the head of Kumshewa inlet. He also erected flags to designate the fishing boundaries. The *Josephine* was under charter three months and twenty-one days, and the total distance she travelled approximated 3,770 miles.

I am, sir,

Your obedient servant,

JOHN T. C. WILLIAMS,

Inspector of Fisheries.

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REPORT ON WORK OF PATROL BOAT 'ALCEDO.'

NANAIMO, B.C., 1913.

To the Chief Inspector of Fisheries,
New Westminster, B.C.

SIR,—During the past year the *Alcedo* patrolled the waters between Vancouver island and the mainland, from the south end of the island to Queen Charlotte sound, and logged 8,035 miles.

The number fined for illegal fishing for the year was 23.

As the herring fisheries are more extensively exploited during the winter months, the *Alcedo* is in active service during the whole year. I also use her for inspecting the various fisheries in my district, on the east coast of Vancouver island and the mainland. Under instructions from the department, I placed her at the disposal of Mr. E. H. Fletcher, Post Office Inspector, to convey him to offices that could only be reached by boat. He visited the various points early in October.

I am, sir,

Your obedient servant,

EDWD. G. TAYLOR,

Inspector of Fisheries.

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86	26	Bohemia.....	18	2	1	1	3	1	2	..	2	2	14
97	27	Bremier	23	1	1	1
57	28	Buena.....	17	2	2
37	29	Boyd and Leeds	18	3	3
21	30	Bessie	6	..	..	..	..	..	..	..	1	..	..	1	..	..	2
94	31	Boston.....	22	..	..	..	..	..	..	..	1	..	..	..	..	..	1
78	32	Blanche.....	18	..	..	1	..	..	..	..	..	..	..	..	1	..	2
92	33	Catharine.....	22	1	..	..	1	2	2	5	..	..	1	..	..	..	1
96	34	Cavalier	20	1	..	..	1	2	2	5	..	..	1	..	..	..	14
89	35	Constellation.....	19	..	..	..	..	..	..	1	1	..	..	1	..	..	1
105	36	Clintonia.....	18	..	..	2	2	..	..	5	1	1	..	..	3	..	4
104	37	Conqueror.. ..	23	..	..	3	1	1	1	3	1	..	..	1	..	..	16
78	38	Corsair	9	..	3	7	..	..	..	..	1	..	..	..	3	..	4
5	39	Copia.....	2	..	..	..	..	..	..	..	..	..	..	..	4	..	4
13	40	C. A. Kencaley	3	..	..	..	..	..	..	..	..	..	..	..	..	..	6
92	41	Catharine Burke	22	..	..	..	..	..	2	..	..	..	1	..	3	..	5
50	42	Clara T. Silva	18	..	..	..	..	..	1	1	..	..	..	..	..	..	3
16	43	Christie A. Cox.....	3	..	..	..	..	..	..	..	..	..	..	..	..	..	3
98	44	Cynthia.....	18	..	2	2	2	..	5	..	..	..	..	1	2	..	14
79	45	Claudia.....	18	..	1	1	..	..	..	..	..	..	..	..	..	..	4
104	46	Coucher	22	..	1	..	..	..	..	..	..	..	..	..	..	..	1
89	47	Diana.....	18	..	1	..	..	..	1	2	..	..	..	..	..	..	8
83	48	Elk	18	1	..	..	..	..	..	..	..	..	..	..	..	..	6
67	49	Eglantine.....	15	..	1	4	1	..	1	3	1	..	..	1	6	..	21
66	50	Eugenie.....	16	..	..	..	..	..	..	..	1	..	..	1	..	..	13
91	51	Esperanto.....	23	..	1	..	..	..	1	3	1	..	..	..	..	..	10
35	52	Edwin F. Blake.....	10	..	..	..	..	..	..	..	1	..	..	..	..	..	16
84	53	E. E. Gray	23	..	..	1	..	..	..	..	..	..	..	..	..	..	1
83	54	E. M. Morrissey.....	23	..	..	..	..	..	..	..	..	..	..	..	..	..	1
84	55	Elector.....	18	..	1	..	..	..	..	..	..	..	..	..	..	..	1
11	56	E. M. Martin.....	3	..	..	..	..	..	..	..	..	..	..	..	..	..	1
47	57	E. R. Rudolphe.....	16	..	..	..	..	..	..	..	..	..	..	..	..	..	1
45	58	Etta Mildred.....	16	..	1	..	..	..	..	..	..	..	2	..	..	..	5
84	59	Elector.....	18	..	..	..	..	..	..	..	..	..	1	..	..	..	2
98	60	Elsir.....	22	..	..	..	..	..	4	..	..	..	..	1	..	..	1
59	61	Ethel B. Pinney.....	16	..	..	..	..	..	..	..	..	..	..	..	..	..	7
17	62	Electric Light	2	..	..	..	..	..	..	..	..	..	..	..	..	..	2
43	63	Eva & Mildred	14	..	..	4	..	..	1	..	1	..	..	..	..	..	7
48	64	Elizabeth W. Noonan.....	17	..	..	..	..	..	..	..	..	..	..	..	..	..	3
57	65	Evelyn M. Thompson.....	17	..	..	..	..	..	..	..	..	..	..	..	..	..	3
14	66	Eliza A. Brenner.....	6	..	..	3	1	..	4	..	..	..	2	..	..	..	12
52	67	Etta G. King	14	..	..	2	2	..	3	..	..	..	1	1	..	..	8
88	68	Eclade Tustin.....	22	..	..	..	..	..	..	..	..	..	..	..	..	..	1
35	69	Edmund L. Black.....	14	..	..	..	..	..	7	..	..	..	..	2	..	..	15
80	70	Electric Flash.....	18	..	..	1	1	..	..	..	..	..	..	..	..	..	2
49	71	E. R. Sparling.....	10	..	1	5	7
84	72	Essex	18	..	4	1	6
97	73	Ellen & Mary.....	20	1
97	74	Ettie M. Prior.....	18	1	1

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[illegible]

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277	Vanessa	24	22			2	2	2	1	1	1	0	13											
278	Viking	40	16							1	1	1	3											
279	Victor	73	19			1			1				3											
280	Volant	54	18			1		1		4			11											
281	Waldo L. Stream	21	18				1					6	7											
282	W. M. Goodspeed	64	16					1			1		3											
283	Wm. H. Ryder	45	12			1							1											
284	William Matheson	72	2			1							3											
285	Walter P. Goulard	33	16									2	1											
286	Yaskma	71	15	1									2											
287	Yankee	15	2			2		3	2	3	1	2	11											
288	Corona	21	12					1				3	13											
289	E. A. Race	12	2								1		1											
290	E. C. Hussey	41	12							3			1											
291	F. C. Burke	60	14								1	1	1											
292	Elizabeth M.	102	22			3						1	5											
293	Elizabeth N.	87	18			2	1	1		2		4	11											
294	Gloucester	91	20						1				1											
295	Hattie A. Hickman	72	16									2	3											
296	Lottie Byrnes	65	6					1				1	1											
297	Mary Edith	51	14									1	1											
Total		21,461	4,833	6	4	2	156	227	36	32	271	89	30	3	3	259	50	91	51	202	11	1	360	1800

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UNITED STATES Fishing Vessels to which Licenses were issued under the Act entitled
 "An Act respecting Fishing Vessels of the United States of America," during the
 Fiscal Year ended 31st of March, 1913.

Name of Vessel.	Port of Registry.	Ton- nage.	Port of Issue.	Amount.
				\$ cts.
Tattler	Gloucester	135	Shelburne	202 50
Mabel D. Hines.....	"	92	Tusket	138 00
Oliver F. Killam.....	Beverly	43	Yarmouth	64 50
Athlete.....	Gloucester	96	Shelburne	144 00
Walter P. Goulart....	"	55	Sand Point.....	82 50
Muriel	Boston.....	83	Canso	124 50
Jno. R. Bradley.....	Gloucester	80	Shelburne	120 00
Oriole	"	104	"	156 00
Margie Turner.....	Boston	44	Sand Point.. ..	66 00
Harry A. Nickerson....	Gloucester	83	Lockeport.....	124 50
Margaret.....	"	79	Canso.....	118 50
Elector	"	84	Tusket.....	126 00
Richard.....	"	90	Canso	135 00
Mystery	"	78	Pt. Hawkesbury	117 00
Mary F. Curtis.....	"	85	Sand Point.....	127 50
Valeria	Boston.....	97	"	145 50
Cynthia.....	Gloucester	98	Canso	147 00
Tacoma.....	"	71	"	106 50
Olga	"	77	"	115 50
Thomas S. Gorton..	"	92	"	138 00
Massachusetts ..	"	102	"	153 00
Mildred Robinson.....	Boston	86	Woods Harbour.....	129 00
Imperator.	Gloucester	99	Yarmouth.....	148 50
Conqueror.	"	104	Sand Point.....	156 00
Elsie	Boston.....	98	Shelburne.. ..	147 00
Lillian	"	95	Liverpool.....	142 50
Ingomar.	Gloucester	103	Canso.....	154 50
Catherine Burke.	"	92	House Harbour.....	138 00
Cavalier.	"	96	"	144 00
Clara G. Sylva....	"	50	Liverpool.....	75 00
Titania.....	"	77	Sand Point.....	115 50
Theodore Roosevelt..	"	90	Canso	135 00
June	"	85	"	127 50
Flirt	"	82	Shelburne	123 00
Elmer E. Gray	Boston	84	"	126 00
Corona	Gloucester	82	Port Mulgrave.....	123 00
Laverna	"	95	L. E. Pubnico.....	142 50
Fannie B. Atwood.....	Boston	82	"	123 00
Fannie E. Prescott.	"	87	Liverpool	130 50
Monitor.....	Gloucester	100	Pt. Hawkesbury	150 00
Maxime Elliott.....	"	75	Arichat.....	112 50
Terranova.....	Boston.....	94	Canso.....	141 00
Quannapowitt.....	"	76	"	114 00
Avalon.....	Gloucester	85	"	127 50
Atlanta	"	74	"	111 00
A. Piate Andrew.....	"	92	"	138 00
Rhodora.....	"	81	North Sydney ..	121 50
Movanian.....	Durburn.....	82	Sand Point.....	123 00
Ramona.....	Gloucester	58	Lockeport	87 00
Rex.....	"	54	Canso	141 00
Essex	"	84	"	126 00
Onato.....	Boston.....	105	Pt. Hawkesbury	157 50
Esperanto.....	Gloucester	91	"	136 50
Lottie G. Merchant..	"	79	Sand Point.. ..	118 50
Blanche.....	"	78	"	117 00
Manhasset.....	Boston.....	79	Yarmouth	118 50
Arthusa.....	Gloucester	107	Amherst, M.I....	160 50
Waldo L. Stream ..	"	81	Pt. Hawkesbury.....	121 50

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UNITED STATES Fishing Vessels to which Licenses were issued, &c.—*Concluded.*

Name of Vessel.	Port of Registry.	Ton- nage.	Port of Issue.	Amount.
				\$ cts.
Mathew S. Greer.....	Boston.....	75	Canso.....	112 50
Elk.....	".....	83	Amherst, M. I.	124 50
Georgiana.....	".....	87	Liverpool.....	130 50
T. M. Nicholson.....	Bucksport.....	90	Shelburne.....	135 00
Smuggler.....	Gloucester.....	91	Wedgeport.....	136 50
Harvard.....	".....	76	Sand Point.....	114 00
Eglantine.....	".....	67	Woods Harbour.....	100 50
S. P. Willard.....	".....	87	Arichat.....	130 50
Lucinda I. Lowell.....	".....	77	".....	115 50
Vanessa.....	Boston.....	84	Canso.....	126 00
Wm. H. Rider.....	Gloucester.....	45	".....	67 50
Gladdys & Nellie.....	".....	64	Liverpool.....	96 00
Virginia.....	".....	73	".....	109 50
Agnes.....	".....	75	".....	112 50
Monitor.....	".....	78	Amherst, M. I.	117 00
Zakinia.....	".....	71	".....	106 50
Elva L. Sparling.....	".....	49	North Sydney.....	73 50
Jennie B. Hodgkin.....	".....	85	".....	127 50
Alice.....	Boston.....	63	L. E. Pubnico.....	93 00
Preceptor.....	Gloucester.....	89	".....	133 50
Hope.....	Boston.....	54	".....	81 00
Sylvania.....	Gloucester.....	99	Sand Point.....	148 50
Eugenia.....	".....	66	".....	92 00
Priscilla Smith.....	".....	89	Shelburne.....	133 50
Bohemia.....	".....	86	Tusket.....	129 00
Thalie.....	".....	47	Wedgeport.....	70 50
Judique.....	".....	89	".....	133 50
Mary A. Gleason.....	".....	32	Woods Harbour.....	48 00
Elisabeth M.....	Bucksport.....	102	".....	153 00
Governor Foss.....	Gloucester.....	88	".....	132 00
Ella G. King.....	".....	52	Canso.....	78 00
Meteor.....	".....	96	North Sydney.....	144 00
Pythian.....	".....	45	Paspebiac.....	67 50
Lizzie Griffin.....	Bangor.....	71	Louisburg.....	106 50
Thos. A. Cromwell.....	Boston.....	89	Yarmouth.....	133 50
Robb Roy.....	Gloucester.....	79	Canso.....	118 50
Fannie A. Smith.....	".....	87	Amherst, M. I.	130 50
Muriel.....	Boston.....	84	Halifax.....	126 00
Valerie.....	".....	97	".....	145 50
Harmony.....	".....	81	".....	121 50
Movanoun.....	Duxbury.....	82	Shelburne.....	123 00
Waldo L. Stream.....	Gloucester.....	81	Sand Point.....	121 50
Paragon.....	".....	80	Shelburne.....	120 00
Imperator.....	".....	99	".....	148 50
Effie M. Morrissey.....	Marble Head.....	83	Yarmouth.....	124 50
Ruth.....	Boston.....	56	".....	84 00
Quickstep.....	Gloucester.....	75	".....	112 50
Georgiana.....	Boston.....	87	Halifax.....	130 50
Morning Star.....	".....	85	".....	127 50
Margie Turner.....	".....	45	".....	67 50
Bohemia.....	Gloucester.....	86	Yarmouth.....	129 00
Annie M. Parker.....	".....	100	Tusket.....	150 00
Hazel R. Hines.....	".....	79	Pubnico.....	118 50
			Total.....	13,573 50
			Refund.....	73 50
				13,500 00

APPENDIX No. 16.**REPORT ON OYSTER CULTURE BY THE DEPARTMENT'S EXPERT FOR THE
SEASON OF 1912.**

CHARLOTTETOWN, P. E. ISLAND,

December 31, 1912.

To the Superintendent of Fisheries,
Ottawa.

SIR,—I have the honour to submit to you my annual report on last season's work in connection with oyster culture in the lower provinces.

CARIBOO HARBOUR, N.S.

During a portion of last year my time was engaged in Cariboo harbour, Pictou county, in preparing an area of four acres in extent and making it suitable for the planting of young oysters. As the season was so late when the ground was in readiness to receive them, only twenty-five barrels of small oysters from Richmond bay, P.E.I., were planted on one acre, it being the intention to plant the remaining three acres with American seed oysters for the purpose of ascertaining whether these oysters would propagate in Canadian waters.

Arrangements having been made by the department to obtain seventy-five barrels of seed oysters from George T. Greene, Esq., of Warren, Rhode Island, with instructions for me to see them packed and rushed through without any unnecessary delay. I left Charlottetown on the 10th day of May with the *Ostria*, arriving in Pictou the same evening. On Saturday, the 11th, I proceeded to Cariboo and arranged the stakes to mark the bed which was previously prepared. On Monday, the 13th, I again proceeded to Cariboo and saw that the stakes were all in order, and examined the bottom, which I found in a satisfactory condition. I then obtained samples of the oyster which were planted last year and am pleased to report that they were looking very healthy, and growing in a very satisfactory way, the fish being very full and white, and no mortality noticeable amongst them.

On Tuesday, the 14th, I left Pictou, arriving in Warren on Wednesday, when I met Mr. Greene, who arranged to catch the oysters on the following day, which was done, and on Friday they were packed in barrels and shipped on board a freight-car at railway station. I may here state that the oysters shipped were a splendid sample, and have the appearance of growing into a fine oyster.

They left Warren, R.I., on Saturday, the 18th May, on which day I also left.

At Portland, on Monday, I found out that the oysters had preceded me. On my arrival at Vanceboro' the freight agent informed me he had just received a wire, stating that the oysters were on the freight train behind the express, and would leave at 8 p.m. for St. John, where they arrived at noon next day. Arriving at St. John at midnight, I made further inquiries, next day, at the Canadian Pacific Railway freight offices, where I was informed that the oysters had just arrived and would be transferred. I left by the midnight express, arriving in Pictou at noon on Wednesday. The oysters arrived on the 10 o'clock, a.m., freight, on Friday the 24th, but I could

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not get them until after the *Minto* had left for Charlottetown. They were shunted into position and placed on board *Ostrea* after 7 o'clock that morning. Early the next morning I proceeded to Cariboo harbour and planted them all by noon. They arrived in excellent condition, not one broken or dead oyster was noticed, and were evenly spread over the area reserved for them. They were a fine lot of young, growing oysters, and I must say that Mr. Greene did everything he possibly could to make the experiment a successful one, as far as it lay in his power. Before leaving I removed all the stakes marking the beds, and suggested to the department that some one should be appointed to look after the area as far as poachers are concerned. I was in hopes of making an examination of these oysters late this fall in order to ascertain the results of a summer's growth, but work in other provinces and wild weather prevented me from doing so.

BIRD ISLAND BED, RICHMOND BAY, P.E.I.

After finishing my work at Cariboo I proceeded to Richmond bay and made a thorough examination of Bird island bed, and found the area clean and free from weeds or eelgrass, and the oysters growing in a very satisfactory manner. This would prove to be an excellent piece of ground if left alone, but I can see that intruders have been taking some of the best samples. I have invariably noticed that as soon as oysters have grown to a marketable size there is a certain class of persons who will make a raid on these particular beds, and it is exceedingly hard to catch them. There should be a much larger proportion of the larger oysters on the bed than there is. The following shows the number of oysters taken at each haul of the dredge, including all sizes: 47, 135, 81, 81 and 106. I took one haul at Cariboo this spring on the one acre that was planted the summer before, and took up 200. Both these grounds were spread with the same proportion of small oysters. The difference is easily seen, and one can draw his own conclusions.

After finishing the above area I visited some of the public beds where the small oysters were planted last fall, and on Little Curtain island bed I found 23, 21 and 12 oysters, and 17, 23 and 19 starfish respectively, with three hauls of the dredge. This is a very large bed and probably I did not go over exactly the same ground on which the young oysters were laid down. On another bed on the west side of Curtain island I found 29 oysters, which were relaid; and on the northwest side of Curtain island I found, with two hauls of the dredge, 88 and 75 oysters, which were relaid on these beds; there were also 18 and 11 starfish.

These natural beds appear to be overloaded with rough, loose, dead shells. If the beds were owned by private individuals the shells would be removed to the shore where they would be dried and relaid at the proper time and place to act as spat collectors. They are too dirty now to serve the purpose where they are, and for me to remove them and place them into deep water would be an endless task; besides, there is no accommodation to land them here.

It appears to me from past experience that it is utterly useless, and very discouraging, to build up these new beds. The ground is prepared and brought into good condition, it is then stocked with fine samples of hardy oysters. Afterwards the growth appears to be enormous, and everything goes well, until some pirate invades the grounds and spoils all results.

To transplant young oysters on the public beds and spread them thinly over large areas, I consider a much fairer way of serving the fishermen, as there is then no particular place on which to concentrate their energies. But when an area is specially prepared they will make a raid on that particular bed in spite of everything.

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With reference to the starfish, I have always tried to impress on the fishermen the necessity to save all they catch and throw them on the land, as that is the only way to keep them under.

On November 13 I again visited the bed and was met in Malpeque by Fishery Officers Keir and Cameron, and proceeded across the bay in the patrol boat *Richmond*.

On examination of the grounds I found the oysters to be growing in a satisfactory way, and several small ones of different sizes were very noticeable, having attached themselves to the shells, &c. From the appearance of the shells brought to the surface, the area does not look as if it had been fished upon recently, as both oysters and shells were covered with a sediment which would have been washed off if much fishing were carried on. Both officers informed me that they have given it their utmost attention, and state that Indians have given them quite a lot of trouble by trying to fish oysters and quahaugs between the beds and the shore, where oysters are found to be growing since this bed was planted. Both officers suggested that oyster fishing be prohibited on the south side of Bird island, extending from the shore until it reaches a depth of 12 feet at low water, which I also approve of, as this would greatly facilitate their work.

RICHIBUCTO, N.B.

After finishing my work in Richmond bay I left there on June 20, arriving at Richibucto next morning and examined several areas in Richibucto harbour. The only place that I found to be at all suitable is a narrow channel, probably an acre in width, and from half a mile to nearly a mile in length, situated between French island and the mainland, at the lower part of the bay, but was unable to find or obtain any shells for the foundation of the bed; about 1,000 barrels of shells would be required for this experiment. I also went up the Richibucto river and made inquiries among the fishermen, fishery overseer and others as to the probability of obtaining the necessary quantity of small oysters for planting the area, and found that conditions have entirely changed since I was here before, when large quantities of small oysters were obtainable. They are extinct now, and it is an utter impossibility to obtain such here.

I am of the opinion that the ground referred to is much more suitably adapted for the planting of quahaugs, as there is no preparation required for these and they could be thinly scattered over a large area. The tidal current here is pure and free from any sediment, but higher up the river the flats are composed of soft mud, covered with eelgrass and a heavy coating of decaying sawdust, which is very injurious to fish-life of any description.

Being unable to find any suitable ground available, or the material at hand to build a bed, I left Richibucto on July 4 and proceeded to Bay du Vin.

BAY DU VIN, N.B.

Upon examination of all the grounds lying between Bay du Vin river and Black river, I found that most of the bottom consists of rough stones; but further off shore, as the water becomes deeper, it was found to be much softer.

A suitable area of ground was selected off Horton's creek which will fill the requirements for an experimental oyster bed, consisting of a firm, smooth bottom with a few scattered stones; it is also quite close to the fishery officer's residence. I measured off an area of four acres and upon examination found a few scattered oysters. This area is situated from five to seven miles from the regular fishing beds on the opposite side of the bay, there being no beds nearer. I spoke to the fishery

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officers and several of the fishermen, explaining what I wanted, and they all informed me that it would be next to an impossibility to find an area such as I described without finding an oyster or so on it, but that no fisherman could get a living here, or even attempt to fish in this locality, as the oysters are too scarce. Both officers and fishermen, however, would only be too glad if the department would allow the experiment to be tried, as they are all of the opinion that it would be possible to improve the whole shore from Bay du Vin river to Pointe Quart, as the spat from a good bed would disperse in both directions. Owing to the lack of men who promised to catch the shells, and who failed to carry out their promise, I found it impossible to secure the shells necessary for the foundation of this bed, and after receiving instructions to leave for patrol duty, I was unable to carry on the work any further this season, but hope that satisfactory arrangements will be made to enable me to complete shelling and stocking this area during the coming summer.

PATROL WORK IN P. E. I.

On August 9 I received telegraphic instructions to proceed with the *Ostrea* to North Cape and patrol the coast and endeavour to suppress any illegal lobster fishing that might be carried on. I left Bay du Vin on August 13, that being the first fine day, and continued on duty between North Cape and Malpeque until October 15, during which time several lobster traps and lines were destroyed off North Cape, Tignish, Kildare cove, Alberton harbour, also along the coast between Alberton and Malpeque bar, and in Richmond bay. The weather at this season of the year in this locality is decidedly unsettled, and the *Ostrea* is too slow a boat to patrol over this large area and do effective work with only two harbours for shelter. However, when I left the district I felt sure there was very little or no fishing being carried on. The presence of a patrol boat has a good effect on some of the fishermen who, not wishing to lose their gear, will take it in at the first approach of danger. Others are more persistent, and I have found their traps and lines varying in depth from 7 to 18 feet water and buoyed with glass bottles and other almost invisible objects. These lines would be placed out of the track of the ordinary patrol boat and are difficult to discover, and I regret to state it was impossible to obtain any definite information from the local fishery officers around Alberton and Tignish, &c. This state of things should not exist, as patrol boats acting in co-operation with the local fishery officers on shore could do very effective work.

SHEDIAC OYSTER RESERVE, N. B.

On October 18 the *Ostrea* left Malpeque, P.E.I., arriving in Shediac on the following day, when arrangements were made to open this reserved area for public fishing to licensed fishermen, commencing on Tuesday, October 29, finishing on Saturday, November 8. No fishing was carried on during the 1st November, it being observed as a holyday, and on the 8th instant fishing was stopped on account of a heavy gale of wind, so that in all only nine days' fishing was carried on, resulting in a total catch of 1,242 bushels oysters and 1,088 bushels of quahaugs, as near as could be ascertained.

The sample of oysters caught this year was a little smaller in size than when fishing here on former occasions, and every precaution was taken by the fishery officers and myself to have the smaller ones returned to the beds, consequently the quantity of small oysters left on the grounds this year far exceeds that of other years when the grounds were opened for public fishing. On previous occasions when these beds were opened the sample of oysters caught was much larger, and when the fishermen had finished they left the grounds in an almost depleted condition.

Ninety-four men reported for fishing and fifty-nine licenses were issued on the grounds. This number of fishermen were not fishing all the time, as they were continually coming and going, but the following table will show the number of men fishing each day and their approximate catch:—

Date—1912.	Number Men fishing.	Bushels Oysters caught.	Bushels Quahaugs caught.
October 29.....	32	86	63
" 30.....	53	146	111
" 31.....	54	146	109
November 2.....	38	101	68
" 4.....	74	166	143
" 5.....	82	209	194
" 6.....	83	192	178
" 7.....	76	124	135
" 9.....	40	72	87
Total	532	1,242	1,088

In 1900 this area was first opened for public fishing from October 22 till November 10. As near as could be ascertained the approximate quantity of oysters taken during that period amounted to about 3,500 bushels. One hundred and seventy-five oyster licenses were issued. The men were engaged six days during the first week, four days the second week, and four days the last week. Bad weather stopped the fishing on other days.

In 1903 this area was again opened for public fishing from October 22 till November 12. There were 152 fishermen fishing on the beds, three days were lost on account of bad weather and about 1,600 bushels of oysters were taken, 880 the first week, 540 the second week and 180 bushels the last week. On this occasion the largest proportion of men were fishing for quahaugs, and several of them averaged 150 bushels each during the time the ground was thrown open for public fishing.

In 1908 these beds were opened for public fishing from October 12 till the 31st, being 18 working days, although only 13 days' fishing was carried on, 5 days were lost through bad weather, and the returns were 585 bushels of oysters and 4,054 bushels of quahaugs; over 100 men engaged in fishing.

The following is the total number of oysters and quahaugs taken since the beds were first opened:—

	Bushels. Oysters.	Bushels. Quahaugs.
1900.. .. .	3,500	
1903.. .. .	1,600	15,000
1908.. .. .	585	4,050
1912.. .. .	1,242	1,088
Total.. .. .	6,927	20,138

I was informed by the fishermen that oysters had spread beyond the reserved area, and on the north side of the reserve the men are able to fish on an average about one barrel of oysters per man a day. A large shoal, what is termed the ballast block, near Pointe du Chêne wharf, was litterally covered with young oysters this summer, but being such a shallow spot, many of them will be destroyed by the coming winter's frost. In the Scadouc river, which lies on the southwest part of the bay, oysters are reported to be much more plentiful than they have been for years, which is said to be the result of the oysters growing on the beds.

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It would be advisable to have these grounds raked over some time during the following season. After the grounds were closed this year, I found it was too late to do any further work upon them, owing to the lateness of the season and unsettled weather.

After finishing my work at Shediac I proceeded to Charlottetown with the *Ostrea*, coaled up and lay under steam, watching for an opportunity to run to Pictou, but strong winds were blowing all the time, and on Tuesday the 19th a northwest gale and snowstorm made it impossible for me to examine the bed at Cariboo, which I was in hopes of doing, and as the season was late, I decided to lay *Ostrea* up for the winter, and so commenced to remove her gear and arranged to have her hauled into winter quarters. Placed her on launchways on Friday the 22nd, and had her blocked up on Tuesday the 26th. Crew were engaged in removing gear to warehouse and cleaning up during the rest of the week and paid same off on November 30.

OYSTER BARRELS.

On several occasions I have called the department's attention to the necessity of having a standard measure adopted for the sale of oysters. Of late years many different sizes of barrels have been shipped to market, and all classed as a barrel, for which every shipper expects to receive the same price. It has now arrived at a critical stage and legislation should step in and prescribe the size of an oyster barrel for the protection of the buying public. An increase in the importation of American oysters is said to be due to the fact that the trade knows what it is buying when purchasing an American barrel, but do not when buying a Canadian barrel of oysters. Much dissatisfaction is caused, and in a great many instances the sale of Canadian oysters has been cancelled for that very reason. I trust this matter will receive the department's immediate attention and that a standard measure will be adopted without further loss of time.

PRINCE EDWARD ISLAND OYSTER AREAS.

I am very pleased to be able to report that the Prince Edward Island Government have taken active steps with regard to improving the water bottoms around the island shores, rivers and bays. Surveys have been made in Richmond bay, Prince county; St. Mary's bay, in Kings county; and North river has been commenced in Queens county, and it is the intention to make a complete survey of all water lots. Professor H. H. Shaw, the surveyor, has divided Richmond bay into three separate divisions of water, as follows:—First division, from Curtain island to Malpeque wharf, containing an area of 3,000 acres, which is marked off in sections of 20 square acres for convenience, of which about one-half has been considered available for leasing, the balance, consisting of all the live oyster beds in the locality, to be reserved for the use of the public. Second division, from Curtain island to Lock shore, containing an area of 11,000 acres, of which 9,000 acres have been reserved for public fishing. Third Division extends from Grand river ferry wharfs over the remaining part of the bay to the entrance of Malpeque harbour, and containing an area of 15,000 acres, of which 2,000 acres have been reserved for public fishing, or a total of 29,000 acres, of which 12,500 acres are for public use, and 16,500 acres available for leasing. Applications have been received from residents for about 3,000 acres up to the end of the season in Richmond bay only. The other areas that have been surveyed have not yet been opened for applications for leasing.

The proposed terms are a \$3 fee for application, the lease being for a period of 20 years, and the rental \$1 per acre for the first 5 years, \$3 per acre from the end of the 5th year to the 10th year, and \$5 per acre for the remainder of term, with privilege of renewing lease at expiration of 20 years.

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There is no doubt that this will be a decided advantage to the Island generally, and in a few years the public beds should be improved by a certain proportion of the spat thrown off the private areas and coming in contact with the natural beds.

Private culture should receive every encouragement, as when properly managed, the oysters sent to market should be superior to those taken from natural beds. I should like to see the same action taken in Nova Scotia and New Brunswick.

I am, sir,

Your obedient servant,

ERNEST KEMP,
Oyster Expert.

APPENDIX No. 17.

NATURAL HISTORY REPORT

To the Superintendent of Fisheries,
Ottawa.

SIR,—I have the honour to submit my report of the Canadian Fisheries Museum for the fiscal year 1912-13.

There are now displayed in the upper room of the Museum, 181 specimens of mounted fishes and casts of fishes, representing the following 85 species, the sexes of which are given in so far as they were determined before being mounted:—

California Hag-fish (*Polistotrema stouti*).

Two specimens.

Picked Dog-fish (*Squalus acanthias*).

One male specimen.

Starry Ray (*Raja radiata*).

One female specimen.

Rat-fish (*Hydrolagus coliei*).

A male and a female specimen.

Common Sturgeon (*Acipenser sturio oxyrhynchus*).

One specimen.

Common Gar-pike (*Lepidosteus osseus*).

Two specimens.

Bowfin (*Amia calva*).

Two male specimens. (One of these was given as a female, but judging from its size, and the presence of an ocellus-like black spot, surrounded by orange, a feature lacking in females, it would appear to be a male.)

Moon-eye or Gold-eye (*Hyodon tergisus*).

A male and a female specimen.

Common Herring. (*Clupea harengus*).

Two female specimens.

California Herring (*Clupea Pallasii*).

Two specimens.

American Shad (*Alosa sapidissima*).

One female specimen.

Menhaden (*Brevoortia tyrannus*).

Two female specimens.

Common Whitefish (*Coregonus clupeiformis*).

Two male specimens.

Cisco or Lake Herring (*Argyrosomus artedi*).

A male and a female specimen.

Hump-back Salmon (*Oncorhynchus gorbuscha*).

Casts of three male and three female specimens.

Dog-salmon (*Oncorhynchus keta*).

Casts of three male and three female specimens.

Quinnat or Spring Salmon (*Oncorhynchus tshawytscha*).

Casts of three male and three female specimens.

Coho or Silver Salmon (*Oncorhynchus kisutch*).

Casts of three male and three female specimens.

Sock-eye Salmon (*Oncorhynchus nerka*).

Casts of three male and three female specimens, and a cast submitted as a sample of workmanship.

These casts exhibit special seasonal characters of the above-mentioned species respectively.

Atlantic Salmon (*Salmo salar*).

One female specimen.

Cut-throat Trout (*Salmo clarkii*).

Two female specimens.

Steelhead (*Salmo rivularis*).

A male and a female specimen.

Rainbow Trout (*Salmo irideus*).

A male and a female specimen.

Salmon Trout (*Christivomer namaycush*).

A male and a female specimen.

Speckled Trout (*Salvelinus fontinalis*).

Three specimens.

Red Canadian Trout (*Salvelinus marstoni*).

A male and a female specimen.

American Smelt (*Osmerus mordax*).

Two specimens.

Horned Pout (*Ameiurus nebulosus*).

A male and a female specimen.

Common White Sucker (*Catostomus commersonii*).

A male and a female specimen.

Common Red Horse (*Moxostoma aureolum*).

Two specimens—one a female.

Silver Chub or Fallfish (*Semotilus corporalis*).

Two female specimens.

Bream or Roach (*Abramis crysoleucas*).

A male and a female specimen.

German Carp (*Cyprinus carpio*).

Two specimens.

American Eel (*Anguilla srysypa*).

Two specimens.

Conger Eel (*Leptocephalus Conger*).

One female specimen.

Green Pike (*Lucius reticulatus*).

A male and a female specimen.

Common Pike (*Lucius lucius*).

A male and a female specimen.

California Pompano (*Palometa simillimus*).

Two specimens.

Silver Hake (*Merluccius bilinearis*).

Two specimens.

Pollock (*Pollachius virens*).

A male and a female specimen.

Tom-cod (*Microgadus tomcod*).

Two specimens.

Common Codfish (*Gadus callarias*).

A male and a female specimen.

Haddock (*Melanogrammus aeglefinus*).

Two specimens—one a female.

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Fresh-water Ling. (*Lota maculosa*).

One specimen.

Codling or White Hake (*Urophycis tenuis*).

Two specimens.

Cusk (*Brosme brosme*).

Two female specimens.

Calico Bass (*Pomoxis sparoides*).

Two specimens.

Rock Bass (*Amploplites rupestris*).

Two specimens.

Common Sunfish (*Eupomotis gibbosus*).

Two specimens.

Small-mouth Black Bass (*Micropterus dolomieu*).

A male and a female specimen.

Large-mouth Black Bass (*Micropterus salmoides*).

A male and a female specimen.

Pike Perch (*Stizostedion vitreum*).

A male and a female specimen.

Sauger (*Stizostedion canadense*).

A male and a female specimen.

Yellow Perch (*Perca flavescens*).

A male and a female specimen.

Striped Bass (*Roccus lineatus*).

Two female specimens.

White Perch (*Morone Americana*).

A male and a female specimen.

Weakfish (*Cynoscion regalis*).

One female specimen.

Sheepshead (*Aplodinotus grunniens*).

Two specimens.

Striped Surf-fish (*Taëniotoca lateralis*).

Two female specimens.

Porgie (*Damalichthys argyrosomus*).

A male and a female specimen.

Cunner (*Tautoglabrus adspersus*).

Two specimens—one a male.

Tautog (*Tautoga onitis*).

A male and a female specimen.

Common Mackerel (*Scomber scombrus*).

A male and a female specimen.

Halibut (*Hippoglossus hippoglossus*).

One female specimen, and a specimen with the eyes on the left side of the head—the eyes of the halibut being normally on the right side.

Sand Dao (*Hippoglossoides platessoides*).

One specimen.

Two-lined Flounder (*Lepidopsetta bilineata*).

One specimen.

Rusty Dab (*Limanda ferruginea*).

Two specimens.

Winter Flounder (*Pseudopleuronectes americanus*).

Two specimens.

Starry Flounder (*Platichthys stellatus*).

One specimen. (This and two other mounted specimens received have the eyes on the right side of the head, whilst specimens in preservatives and figures of this species which I have seen have the eyes on the left side. I therefore judge that either character may be normal.)

Snapper (*Sebastes marinus*).

Two specimens.

Jackfish (*Sebastes paucispinus*).

One female specimen.

Black Sea Bass (*Sebastes melanops*).

Two specimens.

Black Rockfish or Priestfish (*Sebastes mystinus*).

Two specimens.

Red Rockfish or Tambor (*Sebastes ruberrimus*).

Two specimens.

Black and Yellow Rockfish (*Sebastes chrysomelas*).

Two specimens.

Black-banded Rockfish (*Sebastes nigrocinctus*).

Two specimens.

Coalfish or Skil (*Anoplopoma fimbria*).

Two specimens—one a female.

Boregat (*Hexagrammos decagrammus*).

Two female specimens.

Cultus Cod (*Ophiodon elongatus*).

One female specimen.

Cabezón (*Scorpaenichthys marmoratus*).

A male, a female, and a juvenile specimen.

Daddy Sculpin (*Myoxocephalus groenlandicus*).

Two specimens.

Common Sculpin (*Myoxocephalus octodecimspinosus*).

Two specimens.

Sea Raven (*Hemitripterus americanus*).

A male and a female specimen.

Eel Pout (*Zoarces anguillaris*).

Two specimens.

Angler or Fishing Frog (*Lophius piscatorius*).

One specimen.

Besides the above mentioned there are duplicates of many of the species which can be used for outside exhibition purposes, so as to leave the specimens displayed in the museum permanently in their places; and there are mounted specimens of other species which will be placed on exhibition when the cases which are being made for the lower room of the museum are ready.

A new and important feature in connection with the museum collection will be a series of the skeletons of the fishes of Canada. A few skeletons have already been prepared. This work is being done by Mr. Rochon, an employee of the museum, who manifests great skill in their preparation, leaving little to be desired. Indeed I am of the opinion that there will be in our museum as fine a thing of the kind as is to be seen any where. Too much emphasis cannot be laid on the importance of having a complete collection of the skeletons of the fishes of the Dominion. The present state of ichthyological knowledge calls for a deeper insight into the nature of the piscine skeleton towards the settling of questions appertaining to fishes in general as touching their phylogeny, and as scientists await such knowledge as a guide in finding out the true relationship of fishes, whatever we can help in bringing to light in this respect is sure to be welcome.

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In the floor space of the upper room there are tables upon which are set in continued succession a series of square cases containing a miscellaneous collection of specimens, all of which bear some relation to the sea or to the fresh waters. These specimens were brought together from many parts of the Dominion, and chiefly embrace fish bones, numerous marine invertebrates (such as mollusks, crustaceans, starfishes, &c.), and eggs of water birds; and, as mentioned in the report of last year, in a case at the end of the room in the basal compartments of the cases containing the mounted fishes, there are specimens of mounted water birds, mostly divers, waders, gulls, shore birds and ducks. At the rounded ends of the upright cases specimens of turtles, vertebral columns of sharks, &c., have since been placed; and, in view of completing the room, negotiations are being entered into to acquire the skeleton of a whale and specimens of large-sized fishes, all of which will be suspended from the roof. There are also in this room the following models: a steam trawler with otter trawl gear, a steam herring drifter two sailing fishing vessels, a herring weir and a fishway.

Various models of vessels, bones of whales, heads of mammals, &c., most of which are surplus specimens of the institution, formerly known as the 'Fishery Exhibit,' have been placed in the entrance space and stairway; but many of these articles lack requisite data (the essential importance of keeping data appearing in those days not to have been considered), so that anything regarding their history can be only surmised.

The subdued light of the basement of the building, with the windows situated as they are, so that the light penetrates from the side on the southern wall, and from the top on the eastern and northern walls, admirably adapts that part of the building to be turned into an aquarium. The basement indeed could well be turned into a sort of miniature of the aquarium of the Trocadero in Paris, and the light would fall upon the fishes in the very best way to show them off. The tanks inside and outside the building and a part of the incubators in the hatchery could be left as they are; and it seems fortunate that there should be a part of the building suitable for an aquarium which would be in keeping with the general character of the museum, such as the dimensions and style of the building will permit of its being; but I have again to point out (as was done in the report of last year), that as the collection grows, far more space and a proper museum structure will be required in order to display the collection to the very best advantage.

Another recent acquisition to the museum is a nest of the Belted Kingfisher (*Ceryle alcyon*) with the complete complement of eggs—7 in number, and the male bird which was found in the tunnel of the nest.

It is expected that at least one floor of the museum will be open to the general public during the coming autumn.

ANDREW HALKETT, *Naturalist,*
Department of Marine and Fisheries.

Canadian Fisheries Museum,
Ottawa, 30th June, 1913.

APPENDIX No. 18.

FISH BREEDING

OTTAWA, September 3, 1913.

To the Superintendent of Fisheries,
Ottawa, Ontario.

SIR,—A detailed report on the fish breeding operations of the department for the last fiscal year, 1912-13, is herewith submitted; also a statement of the distribution of fry from the different hatcheries during the present season, 1913.

Since my last report, the hatcheries at Middleton, N.S., Buctouche, N.B., Collingwood Ont., and Gull Harbour, Big island, Manitoba, have been completed, and the two first mentioned were operated during the past season.

The Middleton is a salmon and trout hatchery. It is situated on a small tributary of the Nictaux river, a short distance from the town of Middleton, Annapolis county, N.S. It is 60 feet long by 25 feet wide and 14 feet high from the top of the sills to the bottom of the plates. It is fitted up with 30 hatching troughs, 15 feet 7 inches long, 10 inches wide and 6 inches deep, inside measurement. These troughs, with the retaining tanks that have been provided, will accommodate over three and a half million eggs. Space is also provided for the incubation of shad on a small scale. A dwelling 28 feet by 22 feet situated near the hatchery on a plot of land containing about half an acre, has been purchased, as a residence for the officer in charge. One million one hundred and twenty-five thousand salmon and fifty-four thousand speckled trout fry were distributed from this hatchery last spring.

The Buctouche is a lobster hatchery. It is situated on a bar at the entrance to the Buctouche harbour, about 6 miles from the town of Buctouche. It is of the standard size adopted for such hatcheries, viz., 48 feet 2 inches long by 30 feet 2 inches wide and 13 feet in height from the upper side of the sills to the lower side of the plates. It has a capacity of over 150 jars, and its operation last spring resulted in a distribution of 23½ million young lobsters.

The Collingwood is a whitefish hatchery. It is situated on Raglan street, in the town of Collingwood, and is 76 feet 6 inches long by 41 feet 6 inches wide, with a 14-foot wall. Its batteries will accommodate 672 whitefish jars. A comfortable cottage has been built convenient to the hatchery for the officer in charge.

The hatchery at Gull Harbour, Big Island, was built for the purpose of replenishing the southern part of Lake Winnipeg with whitefish and pickerel. It is framed, 77 feet long by 37 feet wide and 25 feet in height from the upper side of the sills to the top of the wall plates. It has a capacity of about seventy million eggs. Living quarters for the officer in charge are provided over the hatching room.

During the present summer, contracts were awarded for the erection of hatcheries and dwellings for the officers in charge thereof, at the Little River reservoir, near St. John, N.B., a salmon retaining pond at New Mills on the Bay Chaleur, N.B.; a whitefish hatchery on the Dauphin river, Lake Winnipeg, Manitoba; a trout hatchery at Banff, Alberta, and a trout hatchery at Gerrard, B.C.; also for a subsidiary trout hatchery on the Belgium horse ranch, near Calgary, Alberta.

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The Ottawa hatchery, Ontario; the Bon Accord, Fraser river hatchery, B.C.; and the bass ponds at Point Ann on the Bay of Quinte have, for the following reasons, been discontinued.

At the Ottawa hatchery, the water is obtained from the city water supply, which has, since the outbreak of typhoid, been treated with hypo-chloride, which made it unfit for hatchery purposes. As the provincial government in Ontario derives all the revenue from the fisheries, it has been arranged to leave the propagation of sporting fish with it, and this department will confine its fish breeding operations in the province to the commercial species. Following this arrangement, the bass ponds at Point Ann, which have not for several seasons, owing to quarrying operations in the vicinity, been giving satisfactory results, have been abandoned.

The hatchery at Bon Accord on the Fraser river, B.C., has been discontinued, as its situation became unsuitable, being in the centre of the C. N. R. townsite of Port Mann. The timber on the surrounding land was cleared off and the stream from which the water supply was obtained, was greatly reduced in volume and quality. The hatchery building was also old and in need of extensive repairs. The large Harrison lake hatchery, judging from the experience of recent years, can readily accommodate all the eggs that can be collected in the district.

The department has at the present time distributed throughout the Dominion, fifty-one hatcheries, three subsidiary hatcheries, and five salmon retaining ponds, fully equipped, and four hatcheries, one subsidiary hatchery, one salmon pond and one lobster pond under construction.

The following table gives the different hatcheries, their location, date of establishment and the species of fish handled in each one.

NOVA SCOTIA

Established.	Location.	County.	Species handled.
1876.....	Bedford.....	Halifax.....	Atlantic Salmon, Speckled Trout.
1902.....	Margaree.....	Inverness.....	" " " "
1906.....	Windsor.....	Hants.....	" " " "
1912.....	Lindloff.....	Richmond.....	" " " "
1912.....	Middleton.....	Annapolis.....	" " Speckled Trout.
1891.....	Bay View.....	Pictou.....	Lobster.
1905.....	Canso.....	Guysborough.....	" " " "
1911.....	Isaac's Harbour.....	".....	" " " "
1911.....	Arichat.....	Richmond.....	" " " "
1911.....	Margaree Harbour.....	Inverness.....	" " " "
1911.....	Antigonish.....	Antigonish.....	" " " "
1912.....	Little Bras d'Or.....	Cape Breton.....	" " " "

NEW BRUNSWICK.

1874.....	Restigouche.....	Restigouche.....	Atlantic Salmon, Speckled Trout.
1874.....	Miramichi.....	Northumberland.....	" " " "
1880.....	St. John River.....	Victoria.....	" " Speckled Trout.
1903.....	Shemogue.....	Westmorland.....	Lobster.
1904.....	Shippegan.....	Gloucester.....	" " " "
1912.....	Buctouche.....	Kent.....	" " " "
1912.....	St. John.....	Victoria.....	Shad.

PRINCE EDWARD ISLAND.

1906.....	Kelly's Pond.....	Queens.....	Atlantic Salmon, Speckled Trout.
1904.....	Charlottetown.....	".....	Lobster.
1909.....	Georgetown.....	Kings.....	" " " "

QUEBEC.

Established.	Location.	County.	Species handled.
1875.	Tadoussac.	Saguenay.	Salmon.
1875.	Gaspé.	Gaspé.	"
1881.	Magog.	Stanstead.	At. Salmon, Salmon, Grey and Sp.Trout.
1905.	Mont Tremblant.	Terrebonne.	" " " "
1904.	St. Alexis.	Maskinongé.	Speckled Trout.
1904.	Lake Lester.	Stanstead.	At. Salm., Salm. Tr., " "
1910.	Port Daniel.	Bonaventure.	Lobster.
1910.	House Harbour.	Magdalen Islands.	"

ONTARIO.

1876.	Sandwich.	Essex.	Whitefish.
1908.	Sarnia.	Lambton.	" and Pickerel.
1912.	Collingwood.	Simcoe.	"
1868.	Newcastle.	Durham.	Salmon Trout and Speckled Trout.
1908.	Warton.	Bruce.	" " "
1912.	Port Arthur.	Thunder Bay.	Whitefish, Salmon Trout and Sp. Trout.
1912.	Southampton.	Bruce.	Salmon Trout and Speckled Trout.

MANITOBA.

1894.	Selkirk.	Lake Winnipeg.	Whitetfish.
1907.	Beren's River.	"	"
1909.	Winnipegosis.	Lake Winnipegosis.	"
1912.	Gull Harbour.	Big Island, Lake Win.	"

BRITISH COLUMBIA.

1902.	Granite Creek.	Fraser Riv. Water-shed.	Salmon and Trout.
1905.	Harrison Lake.	" "	"
1906.	Pemberton.	" "	"
1908.	Stuart Lake.	" "	"
1903.	Lakelse Lake.	Skeena Riv.	"
1908.	Babine Lake.	" "	"
1906.	River's Inlet.	Oweekayno Lake.	"
1910.	Anderson Lake.	Vancouver Island.	"
1910.	Kennedy Lake.	" "	"
1910.	Cowichan Lake.	" "	" and Trout.

N.B.—The first hatchery at Gaspé was abandoned in 1898. The present hatchery at this place was established in 1902.

The following hatcheries are under construction:—

- 1. St. John, N.B.
- 2. Dauphin, or Little Saskatchewan river, Man.
- 3. Banff, Alta.
- 4. Gerrard, B.C.
- 5. Calgary subsidiary, Alta.
- 6. Long Beach pond, N.S.

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During the past season the number of berried lobsters taken is reported to have been much less than in previous years. The weather in several places was rough and unfavourable, and to these two factors is largely due the decrease of young lobsters distributed. The failure of contractors to deliver machinery on the dates promised and the consequent later opening of some hatcheries, also affected the output to a certain extent. In other species, the distribution compares favourably with that of former years.

A brief outline of the work in the different provinces is given below.

NOVA SCOTIA.

In this province there are five salmon hatcheries, including the Lindloff subsidiary hatchery; 1 salmon retaining pond; 7 lobster hatcheries and one lobster pond. From them the following distribution was made last spring:—

Salmon..	7,340,000
Speckled and red trout..	174,000
Lobster fry..	274,600,000

and 169 berried lobsters 10 inches and over in length.

Between November 12 and 26, 576 females and 265 male salmon were stripped at the Margaree retaining pond. From these 6,539,000 eggs were obtained and laid down in the hatchery at N. E. Margaree. In February last, 1,750,000 of these eggs were transferred to the new hatchery at Middleton, Annapolis county, and in March 1,250,000 were transferred to the Lindloff subsidiary hatchery. For the first time in its history, speckled trout were incubated in the Margaree hatchery. The eggs were collected and the resulting fry, about 40,000 in number, were distributed in streams tributary to the Margaree river.

The Bedford hatchery obtained 1,500,000 salmon eggs from the Miramichi retaining pond, N.B., and 98,000 speckled and 5,000 red trout eggs from the St. Alexis hatchery, Quebec. The efforts of the officer in charge to collect ouananiche eggs in Grand lake and tributary streams, were not successful, but with the experience gained, better results are hoped for next year.

The Windsor hatchery received 320,000 salmon eggs from the Miramichi pond, N.B., and 1,000,000 eyed eggs from the Grand Falls hatchery, N.B. In addition to the 1,750,000 salmon eggs referred to in a previous paragraph, the Middleton hatchery received 56,000 speckled trout eggs from St. Alexis. The distribution of the fry resulting from the above mentioned eggs, is given in the accompanying list of distribution for the present year.

The total distribution of young lobsters in the seven hatcheries in this province, was 274,600,000. The Long Beach retaining pond was not sufficiently advanced to operate, but a temporary enclosure was built in which the berried lobsters that were purchased from the fishermen, were retained during the fishing season, and liberated at the close thereof in the districts in which they were taken. The large pond which was started last year will be completed this season and operated to as large an extent as possible next spring.

NEW BRUNSWICK.

In this province there are three salmon hatcheries, three lobster hatcheries and a floating shad hatchery on the St. John river. There are also three retaining ponds for salmon, located on the Little river near St. John; at South Esk on the Miramichi,

and at Tidehead on the Restigouche. From these hatcheries the following distribution was made last spring:—

Salmon..	6,292,000
Speckled trout..	55,000
Lobsters..	166,200,000
Shad..	1,200,000
Salmon trout	350,000

From 456 females and 248 males stripped at St. John pond last fall, 4,206,000 eggs were obtained which were brought to the eyed stage at the hatchery at Grand Falls, when the following shipments were made:—

Windsor, N.S...	1,000,000
British Columbia..	150,000
Magog, Que.	100,000
St. Alexis, Que..	100,000
Newcastle, Ont...	80,000

The distribution of the fry resulting from the remaining eggs, is given in the accompanying tables.

At Miramichi 912 female and 626 male salmon were stripped, from which 6,376,000 eggs were obtained. These were distributed as follows:—

Bedford, N.S...	1,500,000
Kelly's pond, P.E.I...	1,288,000
Gaspé, P.Q...	1,540,000
Windsor, N.S...	320,000

The remaining eggs were hatched and distributed from the Miramichi hatchery at South Esk.

From the pond at Tidehead, 2,142,000 eggs were obtained, which were all hatched and distributed from the Restigouche hatchery at Campbellton.

During the season of 1912, the shad hatchery was located at Darling's Island in the Kennebecasis river, and the operations resulted in a distribution of 750,000 fry. After the hatchery was closed last season, an inspection was made of the different areas where shad are taken in New Brunswick and Nova Scotia, and the information obtained indicated that a larger number of eggs could be collected in the Washademoak river, in the vicinity of the narrows than at any other place. The hatchery was therefore, towed to this location, last spring, and the first ripe eggs were taken on June 2. Between that date and June 20, in the neighbourhood of 7,500 shad were handled, from which 2,250,000 eggs were obtained. From this number 1,200,000 strong fry were hatched and liberated in the immediate vicinity of the hatchery, as it was anchored on a natural spawning bed.

The reports regarding the condition of the salmon fishery, both commercial and sporting, are very encouraging, and in this connection the officer in charge of the Restigouche hatchery makes the following remarks in his report:—

‘In order to convey some conception of the present condition of the Restigouche river, I will first quote Mr. Archibald Mitchell's score, which is authentic and was made with a fly about seven miles above Matapedia last June.

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			Lbs.
June	10, 1 fish.	19
"	11, 2 "	23, 25..	48
"	12, 4 "	23, 20, 20, 22..	85
"	13, 1 "	21
"	14, 1 "	22
"	15, 5 "	26, 23, 21, 21, 20..	111
"	17, 1 "	.. . . . .	27
"	18, 7 "	30, 29, 21, 22, 21, 22, 22..	167
"	19, 8 "	24, 20, 16, 15, 12, 19, 21, 23..	150
"	20, 4 "	23, 15, 19, 16..	73
"	21, 7 "	7, 9, 20, 24, 20, 22, 11..	113
"	22, 1 "	.. . . . .	20
"	24, 3 "	23, 8, 25..	56
"	27, 6 "	26, 22, 9, 24, 8, 8..	97
"	28, 2 "	40, 24..	64
"	29, 3 "	22, 22, 12..	56
July	1, 2 "	10, 23..	33
"	2, 4 "	12, 11, 10, 10..	43
"	3, 2 "	8, 12..	20
"	4, 1 "	.. . . . .	11
"	5, 1 "	.. . . . .	11
			1,247

Total, 66 fish, weighing average, 18 $\frac{59}{66}$ lbs.

Forty-one fish of the following weights from 20 to 40 lbs:—

23, 25, 23, 20, 20, 22, 21, 22, 26, 23, 21, 21, 20, 27, 30, 29, 21, 22, 21, 23, 22, 24, 20, 21, 23, 23, 20, 24, 20, 22, 20, 23, 25, 26, 22, 24, 40, 24, 22, 22, 23. Weighing 949 lbs., average 23 $\frac{64}{41}$ lbs.

Twelve fish of following weights, from 24 to 40 lbs.:—

25, 26, 27, 30, 29, 24, 25, 26, 24, 40, 24. Weighing 324 lbs., average 27 lbs.

Similar scores were being made all over the Restigouche river by 75 or 100 anglers from Tide Head to Kedgewick, on 75 miles of water, and the Metapedia was excellent, and this too early in June. Is it evidence that the spring fishery is failing? As I stated in last year's report there has not been a poor year for the last five or six years on the Restigouche. The fishery is gradually improving.

INCREASED VALUE OF PROPERTY.

Mr. Archibald Mitchell purchased his present holdings a few years ago for \$38,000. Last year he sold one-quarter interest for \$22,000, giving the property a value of \$88,000.

I might here quote from the late J. Henry Fair, Commissioner of Fisheries for New Brunswick, report dated December 30, 1899, remarking on the Upsalquitch river, he says it was leased in 1887 for a term of five years at \$570 per annum, and alleges there is no angling below Little Falls. This river was sold a few days ago in Fredericton at public auction by provincial government for 10 years, at over \$3,000 per annum and cost of guardianship \$2,000 more. The stretch below Little Falls, where the commissioner says there was no angling a few years ago, sold for \$800 per annum.

In same report, speaking of Little Main river, above Kedgewick, he says: 'These waters have never been leased, although repeatedly advertised and offered for sale.' He says: 'There is no angling for salmon on this part of the Restigouche.'

But here again is another revelation. These waters were leased last year by the provincial government, and the lessees caught 119 salmon and grilse in ten days' fishing.

Since the fishing season closed last year, two small properties on the Restigouche and Metapedia have been sold for upwards of \$30,000. A few years ago, they were offered for half the sum. All these figures and facts can be verified and are the best evidence of the condition of the rivers and the results of hatchery work.'

PRINCE EDWARD ISLAND.

In this province there are three hatcheries, one for salmon and trout located at Kelly's pond, near Southport, and two lobster hatcheries, located respectively at Block House point, at the entrance to Charlottetown harbour, and in Georgetown harbour. From these the following distribution was made this season:—

Lobsters	164,000,000
Atlantic salmon	1,064,000
Speckled trout	108,000
<hr/>	
Total distribution	165,172,000

For several seasons the officer in charge of the Kelly's pond hatchery has been endeavouring to collect speckled trout eggs with little success. Last fall, however, I am pleased to report that he succeeded in collecting 134,000 eggs from two comparatively small streams. With the experience gained, it is expected that this number will be largely increased next year. The salmon eggs for this establishment, 1,280,000, were obtained from the retaining pond at South Esk, on the Miramichi river. The points of distribution are given in the tables attached to this report.

QUEBEC.

In this province there are six hatcheries for the different varieties of trout and two lobster hatcheries. From these, the following distribution was made last season:—

Salmon trout	1,970,000
Grey trout	345,000
Speckled and red trout	378,000
Atlantic salmon	4,941,000
Lobsters	56,000,000

The salmon trout eggs incubated in the hatcheries in this province are collected in Georgian Bay, and the speckled trout eggs are collected in the St. Alexis district, Maskinonge county, by the officer in charge of the hatchery at that place.

ONTARIO.

The hatcheries in this province have in the past been devoted almost entirely to the commercial species, such as salmon trout, whitefish and pickerel. The operations for the collection of salmon trout and whitefish eggs were last year conducted on a larger scale than in any previous year. The following quantities of eggs were collected in Georgian Bay and Lake Huron:—

By the staff of the Wiarton hatchery	21,000,000
“ “ Southampton hatchery	10,000,000
“ “ Newcastle hatchery	6,000,000

12,000,000 salmon trout eggs were collected for the Port Arthur hatchery in Lake Superior, and 23,000,000 whitefish and 1,000,000 speckled trout were collected for the same establishment in Lake Nepigon.

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Whitefish eggs for the different hatcheries were also collected at the following places:

French River.	25,580,000
Bay of Quinte	60,000,000
Fighting island	74,000,000
Amherstburg	16,920,000
Kingsville.	35,080,000
Dunnville.	27,920,000

Of those collected in the four places last mentioned, 40,800,000 were placed in the Collingwood hatchery and 28,500,000 in the Port Arthur hatchery; the remainder were handled at Sandwich. The 60,000,000 from the Bay of Quinte were handled at Sarnia. Those collected at the mouth of the French river in Georgian bay, were placed in the Collingwood hatchery. In addition to the whitefish eggs above mentioned, 70,000,000 pickerel eggs were collected in the vicinity of Point Edward, Lake Huron, and hatched at Sarnia.

With the exception of the eggs placed in the Collingwood hatchery, very satisfactory results were obtained from the number collected. At Collingwood, the water was last season obtained for the hatchery from the town water supply. Unfortunately just at the time the eggs were placed in the jars, a severe storm prevailed, which caused a great deal of mud to be carried through the supply pipe into the troughs, and kept the water so heavily charged with sediment that the eggs could not be kept clean or in proper motion. After several days the water cleared to a small extent, but on December 6 another storm developed, which so filled the water with sediment that the eggs began to smother rapidly and would soon have been a total loss. Under these conditions, as soon as the weather permitted, the good eggs remaining, about twenty-five million, were distributed on the spawning beds in the vicinity of Collingwood. To prevent such a condition of affairs obtaining in future, a Ransom Ver Mehr filter is being installed.

The speckled trout eggs collected on Lake Nepigon were brought to the eyed stage at the Port Arthur hatchery, when a proportion of them were distributed to Wiarton, Southampton and Newcastle hatcheries, Ontario, the Grand Falls hatchery, N.B., and the Cowichan hatchery, B.C.

The total distribution of fry in the province this year, the details of which are given in the accompanying tables, was as follows:—

Salmon trout.	30,228,000
Atlantic salmon.	75,000
Speckled trout.	261,700
Whitefish.	140,000,000
Pickerel.	40,000,000
Steelhead salmon.	75,600
Total.	210,639,700

MANITOBA.

In this province, there are four hatcheries, the output of three of them, viz.—Selkirk, Gull harbour and Berens river—go into Lake Winnipeg, and that of the fourth, Snake island, into Lake Winnipegosis. The eggs for those on Lake Winnipeg are collected at the mouth of the Dauphin or Little Saskatchewan river. While no difficulty has been experienced in capturing a sufficient number of parent fish at this place, a great deal of difficulty has been experienced in conducting operations until the fish taken are in condition for stripping, and afterwards, in transferring the eggs to the different hatcheries. Some idea of the conditions obtaining are given in

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the following extracts from the reports of Mr. Wm. Overton, who was in charge of operations during the fall of 1911, and Mr. C. P. Paulson, who was in charge during the fall of 1912.

Extract from Mr. Overton's report—

'When I say that the fish did not commence to spawn until the 26th day of October, and on that date we took only one case after handling four thousand fish, and on the following day the same result; we did not handle the fish again until the 30th, when we took six cases, on the 31st five cases, November 1, four cases, and on the second, the day on which we left for Selkirk, we secured three and one-half cases, making in all twenty and one-half cases.

'It would be well to point out here that the slush commenced running in the river on the morning of the 27th and had not abated when we left, in fact it was two feet in depth. Besides that, the ice was forming in the crates and around the docks, so fast that it was with difficulty that we were able to hang on long enough to secure the quantity of eggs we did. When I say that the ice around the docks and crates was at least four inches thick, the Department will appreciate what we had to contend with.

'After leaving the Little Saskatchewan river, we encountered new-made ice from one and one-half to two and one-half inches in thickness for a distance of twelve miles; from that point until we reached off Tamarac island no ice was seen, but at this point we travelled through about ten miles of new-made ice; from there on we had open water until the mouth of the Red river was reached, and were gratified to find that the tug *Chieftain*, owned by the Northern Fish Company, had kept the channel open. We, therefore, experienced no trouble in making the channel, but in making the entrance to the cross channel, our steamer got aground, which was caused by the low stage of the water in the river at the time, but on the morning of the fourth, the tug *Tempest*, owned by the Northern Fish Company, came to our relief and pulled the steamer off the bar.

'When we left the Little Saskatchewan river we had an ice breaker attached to the steamer, which we had constructed at that point, made of birch logs, and well bolted together. If this precaution had not been taken, it is very doubtful if the boat would have been able to make through the ice. As it was the breaker was completely used up and had to be discarded from that point until Selkirk was reached.'

Extract from Mr. Paulson's report:—

'We started from Selkirk on September 9 and went direct to the Little Saskatchewan river. We set the pound net on the 16th and made the first lift on the 18th. The fishing was fairly good until October 10. From that date until we pulled out the net on October 26, it was very light. We caught, all told, 36,404 whitefish. As we did not require all the male fish we caught, we liberated a considerable number of them immediately after taking them out of the pot. Owing to the fact that we caught so few fish in October, we could not liberate any of the female fish caught in September. These fish kept well in the crates, and there appeared to be nothing wrong with them, but a big percentage of them did not ripen. We had on hand when starting to take spawn on October 26, 16,000 female and 7,000 male fish. Of these we stripped 4,020 female and 1,340 male fish. We got a pint of eggs from each female fish on the average. We took one hundred and ten million eggs altogether. Of these we took fifty-two million to Berens river on October 29 and put them in the jars that night. We went back to Saskatchewan on the 30th and stayed there until November 6, on which date we left for Gull harbour and Selkirk. I did not see it of any use staying there any longer, as the fish we then had in the crates apparently would not spawn. We took fifty-eight million eggs in with us.'

The eggs for the hatchery on Lake Winnipegosis are collected in the Waterhen river. In the past, the same difficulty has been experienced in collecting eggs for this hatchery as on Lake Winnipeg. I am pleased to state, however, that last season a number of fish were successfully towed in crate boats from the fishery and impounded

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in a lagoon at the hatchery, and arrangements are being made to follow the same course in future on a larger scale if necessary, and impound a larger number of fish in the lagoon, as a reserve in case the lake should freeze up and put an end to the operations at the Waterhen river.

A total of 87,440,000 whitefish fry were distributed in the waters of this province this season.

BRITISH COLUMBIA.

The operations of the different hatcheries in this province were last season very satisfactory, with the exception of the Harrison lake and Granite creek establishments. Practically no female salmon reached Shuswap lake last season, and the chief inspector of fisheries for the province reports that this lake can be depended upon to supply sufficient sockeye salmon eggs to justify the operating of the Granite creek hatchery only during the years of the big run of salmon. 12,188,000 eggs were collected for the Harrison lake hatchery, of this number 2,800,000 were sockeye. This failure to collect eggs is not in any way due to lack of energy on the part of the officer in charge. In addition to this collection 5,000,000 whitefish eggs were obtained by the provincial government from the United States hatchery at Put-In bay, Lake Erie, and 3,000,000 were transferred from the Port Arthur hatchery. These eggs hatched out well, and the fry were liberated in a strong and vigorous condition. For some years the officers of the Pemberton hatchery have experienced great difficulty in filling that establishment on account of the Indians taking the salmon as they ascend the rivers before they reach the hatchery pens. Last year, an arrangement was made between this department and the Department of Indian Affairs, whereby a special officer was appointed to supervise the catching of salmon ascending the Birkenhead river by the Indians and the distribution of the salmon from the hatchery pens after they were stripped. This arrangement gave most satisfactory results to all concerned. 25,000,000 sockeye eggs were obtained for the hatcheries, and the Indians secured an ample supply of fish for food. The same arrangement has been made this year.

The total distribution in the province this season is as follows:—

Sockeye salmon..	73,012,180
Cohoe "	5,127,600
Spring "	3,812,500
Dog "	1,100,000
Steelhead "	173,900
Atlantic "	142,500
Whitefish..	7,100,000
Cut-throat trout..	25,900
Lake "	94,000
Speckled "	14,550
Total..	90,603,130

I also beg to report that during the past season the fish breeding service has been definitely organized and a permanent salary attached to each permanent position in the different hatcheries. Up till last year, with the exception of British Columbia, the hatcheries were not in any way classified according to their importance. They are now placed in four groups and a minimum and maximum salary attached to each permanent position. A policy of promotion in the service has also been adopted, whereby the officer in charge of a new hatchery is selected from amongst officers in charge of hatcheries of lesser importance, or the assistants in hatcheries of the same class. To assure efficiency, no person is appointed officer in charge unless he has had experience in fish breeding work, and assistants are required to be strictly temperate, healthy, active and energetic men, possessed of a good education, and on appointment

to be not more than 45 years of age. This re-organization will not only obtain a better class of men for the service, but will induce greater interest in the work and greater energy in the discharge of their duties by those already in the service.

In conclusion, I am pleased to say that with few exceptions, the officers have been indefatigable in the discharge of their duties.

DISTRIBUTION.

The attached statements give the total distribution of fry, the number of each species, and the names of the waters in which they were planted during the seasons of 1912 and 1913.

I am, sir,
Your obedient servant,
J. A. RODD.

1912.

Atlantic salmon	20,680,660
Pacific salmon—	
Sockeye	76,922,750
Cohoe	6,243,000
Spring	5,706,000
Humpback	242,000
Steelhead	37,200
	<hr/>
	89,150,950
Salmon trout	27,502,545
Speckled trout	891,900
Grey trout	150,040
Rainbow trout	132,000
Whitefish	114,006,000
Pickrel	42,000,000
Lobsters	565,725,000
Bass	1,396
Shad	750,000
	<hr/>
Total distribution	860,983,831

NOVA SCOTIA.

BEDFORD HATCHERY.

	Atlantic salmon.	Speckled trout.
*Annapolis river, Annapolis county		5,000
*Bear river, west, Annapolis county		5,000
*Bear river, east, Annapolis county		5,000
*Cornwallis river, Kings county		5,000
Habitant river, Kings county		5,000
Rocky lake, Halifax county		5,000
Nicholson's lake, Halifax county		5,000
Dartmouth river, Halifax county		5,000
Salmon river, Colchester county		5,000
Lake Skinner, Yarmouth county		5,000
Lake Annis, Yarmouth county		5,000
*Tusket Forks, Yarmouth county		5,000
Kedgemakooqe lake, Queens county		5,000
Mersey river, Queens county		5,000

* See also Windsor hatchery.

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	Atlantic salmon.	Speckled trout.
Roseway river, Shelburne county...	50,000	5,000
La Have river, Lunenburg county...	50,000	5,000
Trueman pond, Cumberland county...		5,000
Mud lake, Cumberland county...		5,000
Bulmer's pond, Westmorland county, N.B.		5,000
Pennant river, Halifax county...	130,000	
Nine Mile river, Halifax county...	120,000	
Shubenacadie river, Halifax county...	70,000	
Musquodoboit river, Halifax county...	70,000	
Sackville river, Halifax county...	120,000	
Indian river, Halifax county...	140,000	
East river, Halifax and Lunenburg county...	50,000	
Antigonish river, Antigonish county...	60,000	
Wallace river, Cumberland county...	70,000	
Caribou river, Pictou county...	40,000	
St. Mary's river, Guysboro county...	40,000	
	1,010,000	95,000

Total 1,105,000

MARGAREE HATCHERY.

	Salmon.
Ainslie river, Whycomoh...	20,000
Backack river, Victoria county...	260,000
Middle river, Victoria county...	200,000
Indian brook, Victoria county...	140,000
Mabou river, Inverness county...	140,000
Strathlorne, Inverness county...	100,000
Southwest and tributaries...	220,000
Big Brook...	100,000
Trout brook...	60,000
Little river (Cheticamp)...	140,000
Gallant brook...	180,000
Forest Glen...	60,000
Murry's crossing...	100,000
Iron bridge (Big Intervale)...	200,000
Hatchery brook...	60,000
Etheridge crossing...	120,000
Plaster...	140,000
Philip's crossing...	80,000
Cranton's bridge...	120,000
Harts and Rossville...	80,000
Hannigan brook...	130,000
Crowdis bridge...	120,000
Black rock...	80,000
McDermid's crossing...	150,000
Greigg's crossing...	120,000
Egypt's brook...	80,000
Tingley's crossing...	80,000
Tovis' brook...	60,000
Kulvi...	60,000

Total... 3,400,000

In addition to the above, 1,500,000 eyed eggs were transferred to the Lindloff hatchery.

LINDLOFF HATCHERY.

	Atlantic Salmon.
Scotch river..	30,000
Tryal river west..	45,000
Tryal river west, Morrison intervale..	60,000
Tryal River west, McIntosh intervale..	60,000
Tryal river east..	60,000
Tryal river east, Kyte's intervale..	45,000
Maddison brook..	30,000
Salmon river..	30,000
Black river..	30,000
Gauzwell's brook..	30,000
Lindloff hatchery brook..	975,000
Total..	1,395,000

WINDSOR HATCHERY.

	Salmon.
Avon river, Hants county..	210,000
Meander river, Hants county..	150,000
Kennetcook river, Hants county..	50,000
*Cornwallis river, Kings county..	150,000
Gaspereaux river, Kings county....	50,000
*Annapolis river, Annapolis county	100,000
Nictaux river, Annapolis county..	50,000
Wilcat stream, Annapolis county..	50,000
Round Hill stream, Annapolis county..	50,000
Lequille river, Annapolis county..	50,000
*West Branch, Bear river, Annapolis county..	20,000
*East branch, Bear river, Annapolis county..	30,000
Pearl lake, Yarmouth county..	100,000
*Tusket forks, Yarmouth county..	50,000
Hoopers lake, Yarmouth county..	100,000
Total..	1,210,000

BAY VIEW HATCHERY.

	Lobsters.
Bay View)	
Caribou island)	56,000,000
Pictou island)	

CANSO HATCHERY.

	Lobsters.
Canso and vicinity..	24,000,000
Whitehead and vicinity..	15,000,000
Mullgrave and vicinity..	12,000,000
Queensport and vicinity..	4,000,000
Total..	55,000,000

*See also Bedford hatchery.

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ISAAC'S HARBOUR HATCHERY.

	Lobsters.
Torbay..	4,000,000
New harbour..	4,000,000
Coddles harbour..	4,000,000
Seal harbour..	4,000,000
Drum Head..	7,000,000
Goldboro..	4,000,000
Fishermen's harbour..	5,000,000
Beckerton..	6,000,000
Liscomb..	4,000,000
Wine harbour..	3,000,000
Port Hilford..	2,000,000
Nixey's Mate..	3,000,000
Total..	50,000,000

INVERNESS HATCHERY.

	Lobsters.
Polet's cove..	2,000,000
Pleasant bay..	4,000,000
Cape Rouge..	3,000,000
Little river..	4,000,000
Cheticamp..	4,000,000
Cheticamp point..	2,000,000
Point Cross..	2,000,000
Grand Etang..	3,000,000
Friar's head..	2,000,000
Margaree harbour..	4,000,000
Chimney corner..	3,000,000
Margaree island..	2,000,000
Broad Cove marsh..	3,000,000
Port Ban..	2,000,000
Mabou..	3,000,000
Total..	43,000,000

ARICHAT HATCHERY.

	Lobsters.
Arichat fishing grounds	3,000,000
Petit de Grat and Little Anse	6,000,000
Rockdale	2,000,000
River Bourgeois..	2,000,000
West Arichat	4,000,000
Cape Auguet	2,000,000
Jersey Island..	2,000,000
Rocky bay..	2,000,000
Cape La Ronde..	2,000,000
Lennox passage..	2,000,000
Madam island..	1,000,000
Arichat harbour..	1,000,000
Total	29,000,000

ANTIGONISH HATCHERY.

	Lobsters.
Barrios beach..	3,000,000
Cape Jock..	3,000,000
Cape Breton shore..	2,000,000
Bowman head..	3,000,000
Monk head..	2,000,000
Harbour au Bouche..	3,000,000
Bayfield..	2,000,000
Total..	18,000,000

LITTLE BRAS D'OR HATCHERY.

	Lobsters.
Little Bras d'Or	6,601,500
South Bar..	956,000
Britton Cove	2,445,000
Ingonish..	1,222,500
Total..	12,225,000

NEW BRUNSWICK.

RESTIGOUCHE HATCHERY.

	Salmon Fingerlings.	Fry.
Upsalquitch river, above Long Lookum.. . .		400,000
Restigouche river—		
Near hatchery...	100,000	
Vicinity Little Cross point...		400,000
" Down's Gulch...		385,000
" Trotting Ground...		385,000
" Red Bank...		350,000
Metapedia river—		
Millstream...	30,000	
Salmon lake...		50,000
Assametquaghan...		50,000
Salmon lake, 4 miles below...		50,000
Causapscal...		100,000
Glen Emma...		50,000
Boullay's lake, near Saybec...		25,000
Malcolm's lake, near Saybec...		20,000
Jacquet river...	10,000	
	140,000	2,265,000
Total		2,405,000

MIRAMICHI HATCHERY.

	Salmon.
Northwest Miramichi and upper branches...	700,000
Main Southwest Miramichi...	200,000
Little Southwest Miramichi...	650,000
Sevogle river...	250,000
Renon's river...	175,000
Millstream...	100,000

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	Salmon.
Bartibog river..	50,000
Barnaby river..	50,000
Nashwaak river..	15,000
Hatchery brook..	10,000
Total..	2,200,000

ST. JOHN RIVER HATCHERY.

	Speckled Trout.	Salmon.
St. John river..		1,720,000
Tobique river..		600,000
Salmon river..		500,000
Chamcook lakes..		80,000
Fisher lakes..	7,500	
Loch Lomond..	7,500	
Lake Minote..	5,000	
	20,000	2,900,000
Total..		2,920,000

SHIPPEGAN HATCHERY.

		Lobsters.
Chaleur Bay.....{	In the vicinity of the }	35,000,000
Gulf of St. Lawrence}	Shippegan Island }	5,000,000
Total..		40,000,000

SHEMOGUE HATCHERY.

	Lobsters.
Northumberland Strait—	
Between Dupuis Corner and Cape Jourimain.. . .	15,000,000

SHAD HATCHERY.

St. John river.

	Shad.
St. John river—	
Darling's lake, Kennebecasis river..	650,000
Prince's fishing grounds..	100,000
Total..	750,000

PRINCE EDWARD ISLAND.

KELLY'S POND HATCHERY.

	Atlantic Salmon	Speckled Trout.
North river..	216,000	
Morell river..	216,000	
Winter river..	216,000	4,000
Sherrys river..	108,000	3,000
Dunk river..	54,000	
Tyne valley	54,000	

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	Atlantic Salmon	Speckled Trout.
Bray..	54,000	
Wheatley..	54,000	
Midge..	54,000	
	<hr/>	<hr/>
	1,026,000	7,000
	<hr/>	<hr/>
Total..		1,033,000

CHARLOTTETOWN HATCHERY.

	Lobsters.
Keppoch reef..	6,000,000
Seal rock...	9,000,000
St. Peter's island, east bar,.	6,000,000
St. Peter's island, west bar..	6,000,000
Canoe cove..	9,000,000
Argyle shore..	9,000,000
De Sable..	9,000,000
Holland cove..	6,000,000
Point Prim..	9,000,000
Governor's island..	6,000,000
	<hr/>
Total..	75,000,000

GEORGETOWN HATCHERY.

	Lobsters.
Souris harbour..	10,000,000
Bay Fortune..	10,000,000
Little river..	10,000,000
Grand river..	10,000,000
Cardigan river..	10,000,000
Boughton island reef..	10,000,000
Montague river..	5,000,000
Between Panmure island and Cape Bear..	35,000,000
	<hr/>
Total..	100,000,000

QUEBEC.

TADOUSAC HATCHERY.

	Atlantic Salmon.
Rivière à Mars..	200,000
Rivière St. Jean..	300,000
Little Saguenay..	200,000
Malbaie river..	160,000
Jacques Cartier river..	100,000

ST. MARGUERITE SUBSIDIARY HATCHERY.

Portage River district..	400,000
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BERGERONNES SUBSIDIARY HATCHERY.

Long, Gobeil and Caribou lakes..	1,000,000
	<hr/>
Total..	2,360,000
	<hr/>

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GASPÉ HATCHERY.

	Atlantic Salmon.
York river.. . . .	690,000
Dartmouth river.. . . .	690,000
St. John river.. . . .	690,000
Cap Chat river.. . . .	50,000
Total.. . . .	2,120,000

MAGOG HATCHERY.

	Speckled trout.	Salmon trout.	Atlantic salmon.
Cookshire Fish Club pond.. . . .	8,000		5,000
Private pond, Cookshire	8,000		
Echo and Round lakes.. . . .	8,000		
Clear lake.. . . .	8,000		
Lake waters.. . . .	500		
Petewawa.. . . .	5,000		
Brook stream, Granby.. . . .	5,000		
Orford lake.. . . .		40,000	5,000
Brome lake.. . . .		50,000	5,000
Smooth pond.. . . .		25,000	5,000
Breaches lake.. . . .		20,000	10,000
Memphremagog lake.. . . .		450,000	35,000
Massawippi lake.. . . .		90,000	5,000
Moffatt lake.. . . .		30,000	
Selby lake.. . . .		30,000	
Lac des Francais.. . . .		25,000	
Lac Rouge.. . . .		25,000	
Key pond.. . . .		40,000	
Lorrington's pond.. . . .		30,000	
Little Magog lake.. . . .		40,000	
	42,500	895,000	70,000
Total			1,077,500

In addition to the above distribution, the following eyed eggs were transferred to Lake Lester:—

Salmon trout.. . . .	130,000
Salmon.. . . .	50,000
Speckled and red trout.. . . .	20,000
Total.. . . .	200,000

LAC TREMBLANT HATCHERY.

	Speckled trout.	Salmon trout.
Lac Brule.. . . .	5,000	25,000
Lac Sarazin.. . . .	5,000	
Lac Carre.. . . .	5,000	
Lac Myette.. . . .	5,000	
Lac Manitou.. . . .	5,000	
Lac Paquin.. . . .	5,000	

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	Speckled trout.	Salmon trout.
Lac Simon..	8,000	
Lac de la Truite..	5,000	
Lac Creu..	5,000	
Lac Long..	5,000	
Lac en Cœur	5,000	
Lac Beauvais..	5,000	
Lac Chatillon..	5,000	
Lac de la Brume..	5,000	
Lac Violon..	5,000	
Agathe des Monts..	8,000	
Lac des Sables..		100,000
Lac Masson..		50,000
Lac Kilkenny..		40,000
Lac Moreil..		50,000
Lac des Isles..		40,000
Lac Duquette..		50,000
Lac Bessette..		40,000
Lac Gelinas..		40,000
Lac Superior..		40,000
Lac des Grandes Baies..		40,000
Lac Cedar..		40,000
Lac Huard..		50,000
Lac Braze..		50,000
Lac Dumoulin..		75,000
Lac Tremblant..		100,000
Lac Perrault..		50,000
Lac Gauthier, or Lac des Grandes isles..		50,000
Lac Cariboo..		50,000
	86,000	980,000
Total..		1,066,000

LAKE LESTER HATCHERY.

Fingerlings.

	Speckled trout.	Grey trout.	Atlantic salmon.	Salmon trout.
Campeau club, Thurso..	1,000			
Oxford lake		15,000	5,000	
Lake Megantic		15,000	5,000	
Cookshire pond			2,000	
Brome lake		10,000		10,000
Magog lake		55,000	18,000	57,000
Lake Massawippi..		55,000	15,000	58,000
	1,000	150,000	45,000	125,000

	Three years old. Grey trout.	Four years old. Salmon trout.	Five years old. Salmon and Grey trout.
Lake Massawippi..	40	25	20

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Recapitulation.

Fingerlings, Grey trout..	150,000
" Atlantic salmon..	45,000
" Salmon trout..	125,000
" Speckled trout..	1,000
Three years, Grey trout..	40
Four years, Salmon trout..	25
Five years, Salmon and Grey trout..	20
Total..	321,085

Total, Grey trout..	150,040
" Salmon trout..	125,045
" Atlantic salmon..	45,000
" Speckled trout..	1,000
Total..	321,085

ST. ALEXIS HATCHERY.

	Speckled trout	Salmon.
Masketsy lake..	20,000	
Ferron lake..	40,000	15,000
Bellemare lake..	20,000	
Shawenegan lake..	50,000	
George lake..	50,000	
Chain of Three Lakes..	60,000	10,000
Pine lake..	30,000	
Baribeau and Carolus lakes..	100,000	
Raquette lake..	15,000	
Balsam lake..	30,000	
Millette lake..	20,000	
St. Louis lake..	20,000	
Eau Claire lake..	10,000	5,000
Saccacomie lake..		60,000
Willie lake..		15,000
Winchester lake..		10,000
La Pêche lake..		10,000
	465,000	125,000
Total..		590,000

HOUSE HARBOUR, MAGDALEN ISLANDS, HATCHERY.

	Lobsters.
Cape Vere..	15,000,000
Harbour Basse..	18,000,000
Little harbour..	10,000,000
Narrows..	6,500,000
Total..	49,500,000

PORT DANIEL HATCHERY.

	Lobsters.
Newport..	15,000,000
Between Port Daniel Centre and Port Daniel West .. .	4,000,000
Hopetown..	2,000,000
Shigawake..	2,000,000
<hr/>	
Total	23,000,000

ONTARIO.

NEWCASTLE HATCHERY.

	Bass Fingerlings.	Full Grown fish.	Salmon Trout yearlings.	Fry.	Speckled trout.
Rideau lakes at Portland			2,500		
Lake Ontario, Picton..				100,000	
“ Consecon..				100,000	
“ Kingston..				100,000	
“ Toronto				100,000	
“ Hamilton..				100,000	
“ Whitby				75,000	
“ Cobourg..				75,000	
“ Newcastle				75,000	
“ Bowmanville				50,000	
Lake Charlston, Athens..				75,000	
“ Couchiching, Orillia.. . . .				75,000	
“ Baptiste, Baptiste..				20,000	
“ Rideau, Smith's Falls				75,000	
“ Simcoe, Brechin..				75,000	
“ Source and Cache, Algonquin park				50,000	
“ Temiskaming, Haileybury .. .				50,000	
“ Whitestone, Ahmic harbour.. .				40,000	
“ Indian and Dog, Newboro.. .				25,000	
“ Eagle, South river..				20,000	
“ Loughborough, Battersea. . .				25,000	
“ Clear, Highland Grove				25,000	
“ Rock and Mink, Coe Hill .. .				25,000	
“ Long, Lamable..				20,000	
“ Papineau, Maynooth..				20,000	
“ Portage, Gordon bay..				20,000	
“ Silver, Maberly..				25,000	
“ Sunfish, Waterloo..				20,000	
“ Hinchliffe and Sanford, Gil- mor				20,000	
“ Trout, Bancroft..				20,000	
Canaquagigue creek, Elmira					6,000
Trout lake, Highland grove.. . .					7,000
Diamond lake, “					7,000
Puslinch creek, Guelph..					6,000
Matheson's creek, Havelock					2,500
Sedgerick's creek, “					2,500
Plato creek, “					2,500
Varty's creek, “					2,500
McCullough's creek “					5,000

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	Bass Fingerlings.	Full Grown fish.	Salmon Trout yearlings.	Fry.	Speckled trout.
Manheim, Waterloo.. . . .					5,000
Squire's creek, Springbrook .. .					15,000
Wilmot's creek, Newcastle.. . .					10,000
Wilson's pond, Garden Hill.. . .					6,000
Frankish pond, Uxbridge					6,000
Duverton pond, Niagara Falls.. .					6,000
Good Times pond, Guelph					5,000
Manver's pond, Manvers.. . . .					5,000
Trout lake, Parry Sound district ..	100				
Windy lake, Nipissing.. . . .	100				
Rainy lake, York.. . . .	100				
Sandy lake, Peterborough.. . .	100				
Gannon's Narrows, Peterborough..	100				
Hall's marsh, Durham.. . . .		16			
Otterville pond, Oxford.. . . .	100				
Victoria lake, on Avon river, Perth	100				
	<hr/> 700	<hr/> 16	<hr/> 2,500	<hr/> 1,500,000	<hr/> 96,500
Total.. . . .					1,599,716

SANDWICH HATCHERY.

	Whitefish.
<i>Lake Ontario—</i>	
Belleville, Bay of Quinte.. . . .	1,000,000
Hamilton.. . . .	1,000,000
Toronto.. . . .	1,000,000
<i>Lake Erie—</i>	
Dunnville	1,000,000
Port Stanley.. . . .	1,000,000
Kingsville.. . . .	1,000,000
Bar point.. . . .	2,000,000
Pigeon bay.. . . .	2,000,000
<i>Detroit river—</i>	
Bois Blanc	4,000,000
Peach island.. . . .	2,000,000
Stoney island.. . . .	2,000,000
Turkey island.. . . .	2,000,000
Fighting island.. . . .	3,000,000
In river at hatchery.. . . .	4,000,000
<i>Lake St. Clair—</i>	
Mitchell's bay	2,000,000
Total	<hr/> 29,000,000

SARNIA HATCHERY.

<i>Lake Huron</i> —	Whitefish.	Pickarel.
Between lightship and Kettle point	35,000,000	
Point Edward and Sarnia spawning grounds..		37,750,000
<i>Aux Sable river</i> —		
Ailsa Craig		200,000
Grand Bend }		
Port Frank }		4,000,000
Lakeside, Oxford county.. . . .		50,600
	<hr/>	<hr/>
	35,000,000	42,000,000
	<hr/>	<hr/>
Total.. . . .		77,000,000

WIARTON HATCHERY.

	Salmon trout.	Brook trout.
<i>Lake Huron</i> —		
Tobermory.. . . .	400,000	
Rattlesnake Hoerbou.. . . .	400,000	
South bay.. . . .	400,000	
Providence bay.. . . .	400,000	
Duck islands and Meldrum bay.. . . .	400,000	
<i>Georgian bay</i> —		
Killarney.. . . .	400,000	
Jackson's shoal.. . . .	400,000	
Surprise shoal.. . . .	400,000	
Meaford.. . . .	400,000	
Cape Rich.. . . .	400,000	
Vail's point.. . . .	400,000	
Squaw point	400,000	
Presquel.. . . .	400,000	
Cape Commodore.. . . .	400,000	
Cape Croker.. . . .	1,000,000	
Port Elgin.. . . .	1,000,000	
Gravelly point.. . . .	1,000,000	
Hay island.. . . .	1,000,000	
Griffith island.. . . .	1,000,000	
White Cloud island.. . . .	1,000,000	
Pruder's dock.. . . .	500,000	
Whicher's point.. . . .	250,000	
Lake Chepahguanena, Foley county . . .		5,500
Camp creek, Grey county.. . . .		5,000
Maitland and Saugeen, Grey county.....		5,000
Pepper creek "		5,000
Casement creek "		5,000
Big Saugeen.. . . .		5,000
Beatty, Saugeen, Blue Springs, Grey and Bruce counties		5,000
Spring creek, Bruce county.. . . .		5,000
Sydenham river, Grey county.. . . .		5,000
Sydenham river, Grey county.. . . .		4,400
	<hr/>	<hr/>
	12,350,000	49,900
	<hr/>	<hr/>
Total.. . . .		12,399,900

In addition to the above, the following shipments of eyed eggs were made from this hatchery:—

QUINTE POND.

PORT ARTHUR HATCHERY.

	Atlantic salmon.	Salmon. trout.	Rainbow trout and Steel head salmon.
Rosspport..	50,000	400,000	
St. Ignace island.. . . .		400,000	
Duck bay..		200,000	
Silver island.....		200,000	
Tea harbour..		200,000	
Thunder cape		200,000	
Hair island.....		200,000	
Pie island		400,000	
Mink island..		400,000	
Welcome island..		400,000	
Thunder bay..		2,100,000	
Thunder bay (advanced fry).. River flowing into Thunder bay..	174,000	50,000	
Loon lake	20,000		
McVicar creek..			70,000
	<hr/> 244,000	<hr/> 5,150,000	<hr/> 70,000
Total..			<hr/> 5,464,000

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SOUTHAMPTON HATCHERY.

	Salmon trout.	Speckled trout.	Rainbow trout.
<i>Lake Huron—</i>			
Southampton harbour and vicinity.. . . .	3,000,000		
Big Reef, Inner end.. . . .	750,000		
Off Kincardine.. . . .	550,000		
Off Stokes bay.. . . .	800,000		
Inner Loon ground.. . . .	650,000		
Off Lyal Island light.. . . .	700,000		
Sunfish lake	50,000		
Erbsville creek.. . . .		6,500	
Waechter's creek.. . . .		6,500	
Chiptow creek		5,000	
Saugeen river, Bruce township, small lake and creek tributary to.. . . .		4,000	25,000
Elderlie township, small lake tributary to....			22,000
	<hr/>	<hr/>	<hr/>
	6,500,000	22,000	47,000
	<hr/>	<hr/>	<hr/>
Total.. . . .			6,569,000

MANITOBA.

SELKIRK HATCHERY.

<i>Lake Winnipeg—</i>	Whitefish.
Red river, near Selkirk.. . . .	25,000,000

WINNIPEGOSIS HATCHERY.

<i>Lake Winnipegosis—</i>	Whitefish
Near Snake island.. . . .	25,000,000

BRITISH COLUMBIA.

FRASER RIVER WATERSHED.

FRASER RIVERSHED (BON ACCORD) HATCHERY.

	Sockeye.	Cohoe.
Sumas lake.. . . .	1,600,000	
Coquitlam.. . . .		325,000
Silver creek.. . . .	1,500,000	350,000
Sturgeon slough, Pitt river.. . . .		125,000
Lillooet river, Pitt river.. . . .		125,000
Stave river		125,000
Kanaka river.. . . .		125,000
Mixed lot.. . . .		500
Hatzic.. . . .		25,000
Squamish river.. . . .	100,000	
Cultus lake.. . . .	200,000	
	<hr/>	<hr/>
	3,400,000	1,200,500
	<hr/>	<hr/>
Total.. . . .		4,600,500

GRANITE CREEK HATCHERY.

	Sockeye.	Cohoe.	Humpback.
Shuswap lake.. . . .	192,000	189,000	242,000
	<hr/>	<hr/>	<hr/>
Total....			623,000

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HARRISON LAKE HATCHERY.

	Sockeye.	Spring.	Cohoe.
Morris creek, Harrison lake.. . .	11,981,000	5,250,000	276,000
Total..			17,507,000

PEMBERTON HATCHERY.

	Sockeye.	Cohoe.
Birkenhead river..	12,130,000	1,090,000
Total..		13,220,000

STUART LAKE HATCHERY.

	Sockeye.
<i>Stuart lake</i> — Cunningham creek..	6,326,000

SKEENA RIVER WATERSHED.

SKEENA RIVER HATCHERY.

	Sockeye.
Lakelse river (fry)..	510,000
“ eyed eggs..	3,677,500
Total..	4,187,500

BABINE HATCHERY.

	Sockeye.
<i>Babine lake</i> — Salmon river..	8,180,000

RIVERS INLET HATCHERY.

	Sockeye
<i>Oweekayno lake</i> — Rearing ponds..	7,500,000
Hatchery creek..	4,291,000
Total..	11,791,000

ANDERSON LAKE HATCHERY.

	Sockeye.
Ternan creek }	6,628,750
Anderson lake {	

KENNEDY LAKE HATCHERY.

	Sockeye.
Kennedy lake....	6,992,000

NIMPKISH HATCHERY.

(Operated by British Columbia Packers' Association.)

	Sockeye.
Nimkish lake..	5,114,500

COWICHAN LAKE HATCHERY.

Waters.	Spring.	Cohoe.	Speckled Trout.	Atlantic Salmon.	Rainbow Trout.	Steelhead.
Cowichan River.....	100,000	1,500,000	.....	.....	.....	10,000
Oliver's Creek... ..	30,000	350,000	1,600	20,000	5,000	10,000
Robinson River	150,000	500,000	.....	25,000	.....	10,000
Beaver Creek.....	60,000	100,000	.....	.....	.....	7,200
Sutton "	50,000	100,000	.....	50,000	.....	.....
Hatchery "	50,000	800,000	.....	.....	.....	.....
Green's "	16,000	100,000	.....	8,000	5,000	.....
Meads " .....	.....	37,500	.....	.....	.....	.....
Beaver Lake.....	.....	.....	1,400	.....	.....	.....
Grants " .....	.....	.....	1,000	18,000	.....	.....
Spectacle " .....	.....	.....	1,000	.....	.....	.....
Victoria Creek. ....	.....	.....	1,500	.....	.....	.....
Westholm " .....	.....	.....	500	.....	.....	.....
Shaw " .....	.....	.....	.....	10,000	.....	.....
Cowichan Lake .....	.....	.....	.....	10,000	.....	.....
Bear " .....	.....	.....	.....	20,000	.....	.....
Bradnall Creek .....	.....	.....	.....	9,000	5,000	.....
	456,000	3,487,500	7,000	170,000	15,000	37,200
Total, 4,172,700.						

TOTAL DISTRIBUTION.
1913.

Pacific salmon as follows:—	
Sockeye..	73,012,180
Cohoe..	5,127,600
Spring..	3,812,500
Dog..	1,100,000
Steelhead	248,900
	83,301,180
Atlantic salmon..	19,854,500
Salmon trout..	32,548,000
Speckled trout..	978,250
Grey trout..	345,000
Whitefish..	234,540,000
Pickrel..	40,000,000
Lobster..	660,800,169
Shad..	1,200,000
Cut-throat trout..	25,900
Red (Marstonii) trout..	13,000
B. C. Lake trout	94,000
Total..	1,073,699,999

NOVA SCOTIA.

BEDFORD HATCHERY.

	Atlantic salmon.	Speckled trout.	Red (Marstonii) trout.
Ponhook lakes		9,000	5,000
St. Mary's..	50,000	14,000	
Bystaner lakes..		14,000	
Crouses lakes..		14,000	
Roseway river..	50,000	14,000	
Rookwood ponds		10,000	
Indian river..	150,000		
Nine Mile river	150,000		
Penant river..	150,000		
Salmon river	150,000		

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	Atlantic salmon.	Speckled trout.	Red (Marstonii) trout.
Musquodoboit river..	75,000		
Sackville river..	75,000		
Shubenacadie river	150,000		
West river, Antigonish county.. .	75,000		
Gold river..	50,000		
Middle river..	50,000		
	<hr/>	<hr/>	<hr/>
	1,175,000	75,000	5,000
	<hr/>	<hr/>	<hr/>
Total..			1,255,000

MARGAREE HATCHERY.

	Atlantic salmon.	Speckled trout.
Mabou river..	100,000	
Strathlorne river	100,000	
Baddeck river..	160,000	
Indian brook..	80,000	
Trout brook..	60,000	
Little river, Cheticamp	100,000	
Middle river..	80,000	
Hatchery brook..		40,000
Margaree river—		
S. W. and N. E. branches.. . . .	2,300,000	
	<hr/>	<hr/>
	2,980,000	40,000
	<hr/>	<hr/>
Total..		3,020,000

LINDLOFF HATCHERY.

	Atlantic salmon.
Salmon river, Cape Breton county..	250,000
Black river, Richmond county..	250,000
Scott's river, "	100,000
Tillard river, "	150,000
	<hr/>
Total..	750,000

WINDSOR HATCHERY.

	Atlantic salmon
Avon river, Hants county	325,000
Meander river, "	255,000
Kennetcook river, "	50,000
Hebert river, "	100,000
Panuke lake, "	100,000
Cornwallis river, Kings county..	150,000
Gaspereaux river. "	150,000
Great Village river, Colchester county.. . . .	35,000
Little Bass river, "	20,000
Economy river, "	25,000
Short's lake, "	50,000
River Philip, Cumberland county..	50,000
	<hr/>
Total..	1,310,000

MIDDLETON HATCHERY.		
	Atlantic salmon.	Speckled trout.
<i>Annapolis river—</i>		
Vroom brook..	100,000	
Morton brook..	45,000	
Fales brook..	20,000	
Dodge brook..	25,000	
Wisnall brook..	55,000	
Walker brook..	60,000	
Willet brook..	60,000	
Swicker's lake	50,000	
Snell lake..	25,000	
Parker brook..	50,000	
Chipman brook..	50,000	
Hatchery brook..	25,000	
<i>Nictaux river—</i>		
Oakes brook	50,000	
Critchell brook..	50,000	
Salmon creek..	150,000	
Bartos creek..	50,000	
Waterloo brook	35,000	
Round Hill R..	35,000	
Lequille river..	35,000	
Pearl lake..	60,000	18,000
Hooper's lake..	60,000	
Petite Rivière..	35,000	
Lake Annis..		8,000
Lake Skinner..		8,000
Ruben lake..		10,000
Cloud lake..		10,000
	1,125,000	54,000
Total..		1,179,000

BAY VIEW HATCHERY.		Lobsters.
In the vicinity of Bay View—		
Pictou island	}	75,000,000
Caribou island		
Total..		75,000,000

CANSO HATCHERY.		Lobsters.
St. Andrew's channel, west entrance..		560,000
Flag island..		560,000
Cranberry light..		2,660,000
Fox island..		1,260,000
Black point..		1,960,000
Canso		11,760,000
Whitehead..		1,820,000
Little Dover..		4,200,000
Mulgrave..		1,680,000
Queenport		2,240,000
Total..		28,700,000

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INVERNESS HATCHERY.

	Lobsters.
Margaree harbour..	6,000,000
Friar's Head	3,000,000
Grand Etang..	5,000,000
Point Cross..	3,000,000
Chimney Corner..	7,000,000
Broad Cove marsh..	6,000,000
Cheticamp..	8,000,000
Polet's cove..	5,000,000
Mabou..	7,000,000
Little river..	5,000,000
Cap Rouge..	8,000,000
Pleasant bay..	3,000,000
Port Bann..	3,000,000
Margaree island..	2,000,000
Eastern harbour..	5,000,000
Belle Cote..	3,000,000
Total..	79,000,000

ANTIGONISH HATCHERY.

	Lobsters.
Monkhead..	4,000,000
Bayfield..	4,000,000
Bowman head	4,000,000
Tracadie	4,000,000
Tracadie Head..	2,000,000
Cape Jack..	2,000,000
Breen beach..	2,000,000
Creignish..	2,000,000
Long point..	2,000,000
Judique..	2,000,000
Little Tracadie..	4,000,000
Port Hood island..	2,000,000
Smith island..	2,000,000
Harbour au Bouche..	4,000,000
Total..	40,000,000

ISAACS HARBOUR HATCHERY.

	Lobsters.
Black ledge..	200,000
New Harbour ledge..	200,000
Spanish Ship bay..	300,000
Beckerton island..	300,000
Country harbour..	4,300,000
Seal harbour..	500,000
Harbour island..	3,000,000
Red Head to Dead Man's Bluff..	1,000,000
Goose island..	2,000,000
Coddle harbour, Big island..	2,000,000
Wine harbour..	2,000,000
Sand cove, Isaacs harbour..	1,000,000
Total..	16,800,000

ARICHAT HATCHERY.

	Lobsters.
Arichat harbour..	1,875,000
West Arichat..	4,750,000
Petit de Grat..	2,300,000
River Bourgeois..	1,350,000
Cape La Ronde..	625,000
Cape Auquet..	3,900,000
Little Anse..	800,000
Total..	15,600,000

LITTLE BRAS D'OR HATCHERY.

	Lobsters.
Little Bras d'Or..	11,500,000
Ingonish..	500,000
Britton cove..	5,500,000
South bay..	2,000,000
Total..	19,500,000

DIGBY OR LONG BEACH RETAINING POND.

	Berried Lobsters.	
	Number Collected.	Number Distributed.
Central grove..	31	31
Cape St. Mary..	12	12
Whale cove..	4	4
East Ferry..	3	3
Centreville..	3	
Free Port..	17	17
Victoria beach..	38	30
Church point..	5	2
Meteghan..	3	3
Parker's cove..	40	37
Gullivers..	12	10
Sheldon cove..	6	
Mink cove..	6	6
Tommie's beach..	5	4
White's cove..	6	7
Little river..	6	3
Total..	194	169

All lobsters were 10 inches and over in length.

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NEW BRUNSWICK.

RESTIGOUCHE HATCHERY.

	Atlantic salmon.	Speckled trout
Bonaventure river..	140,000	
Nepisiguit river..	166,000	
Metapedia river, Salmon lake..	75,000	
Salmon lake, two miles east of	150,000	
Causapsal river..	75,000	
Boravago river..	40,000	
Upsalquitch river, 31 miles above hatchery.. . .	331,000	
Restigouche river, Red bank, 41 miles from hatchery..	325,000	
" " Trotting Ground, 42 miles above hatchery..	325,000	
" " Larry's. Gulch, 50 miles above hatchery..	325,000	
" " In tanks at hatchery	40,000	
Lac Ronde..		10,000
MacDonald lake..		5,000
Smith lake..		5,000
	<hr/> 1,992,000	<hr/> 20,000
Total..		2,012,000

MIRAMICHI HATCHERY.

	Atlantic salmon.
North-west Miramichi river..	500,000
Main south-west Miramichi river..	175,000
Little river..	450,000
Sevogle river..	150,000
Renous river..	150,000
Millstream river..	100,000
Barnaby river..	50,000
Nashwaak river..	50,000
Pollett river..	25,000
Petitcodiac river	25,000
Hatchery brook..	25,000
Total..	<hr/> 1,700,000

ST. JOHN RIVER HATCHERY.

	Atlantic salmon.	Speckled trout.	Salmon trout.
St. John river..	1,730,000		
Tobique river	300,000		
Salmon river..	250,000		
Shogomoc river..	75,000		
Skiff lake...	75,000		200,000
Magaguadonic lake..	30,000	6,000	
Chamcook lake..	50,000		

4 GEORGE V., A. 1914

	Atlantic salmon	Speckled trout	Salmon trout.
Utopia lake	25,000		
Musquosh river.. . . .	25,000		
Noshwaaksis river.. . . .	40,000	4,000	
Nackawick lake.. . . .		4,000	
Calvert's lake.. . . .		7,000	
Wetmore's dam.. . . .		7,000	
Crescent lake.. . . .		7,000	
Williamston lake.. . . .			150,000
	<hr/>	<hr/>	<hr/>
	2,600,000	35,000	350,000
	<hr/>	<hr/>	<hr/>
Total.. . . .			2,985,000

SHAD HATCHERY.

St. John river.

	Shad.
St. John river—	
Washademoak lake, in the vicinity of the Narrows ..	1,200,000

SHEMOGUE HATCHERY.

	Lobsters.
Dupuis corner.. . . .	1,666,000
Below Murray corner.. . . .	1,666,000
Cape Bald.. . . .	6,292,000
Jourmain.. . . .	1,834,000
Little cape.. . . .	3,708,000
Murray corner.. . . .	5,875,000
Bayfield.. . . .	1,875,000
Grant's shore.. . . .	2,167,000
Hatchery shore.. . . .	4,417,000
	<hr/>
Total.. . . .	29,500,000

SHIPPEGAN HATCHERY.

	Lobsters.
Petit Pokemouche.. . . .	11,000,000
Point a Peinture.. . . .	20,000,000
Point Brule.. . . .	24,000,000
Alexander's point.. . . .	26,000,000
Point Canoe.. . . .	4,000,000
St. Mary's.. . . .	8,000,000
Chiasson.. . . .	11,000,000
Lameque.. . . .	4,000,000
Shippegan gully.. . . .	5,200,000
	<hr/>
Total.. . . .	113,200,000

BUCTOUCHE HATCHERY.

	Lobsters.
Cocagne bar.. . . .	2,000,000
Buctouche.. . . .	2,000,000
Cormier's Ville.. . . .	4,000,000
St. Annes.. . . .	3,000,000
St. Edwards.. . . .	2,000,000

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	Lobster.
Cocagne cape.	1,500,000
St. Thomas de Kent.	1,000,000
Buctouche beach.	2,500,000
Buctouche harbour.	2,500,000
Cape Richibucto.	2,000,000
Chockfish	500,000
Buctouche bay.	500,000
Total.	23,500,000

PRINCE EDWARD ISLAND.

KELLY'S POND HATCHERY.

	Atlantic salmon.	Speckled trout.
Sherrys.	72,000	5,000
Hardys		15,000
North river.	144,000	30,000
Dunk river.	72,000	14,000
Morell river.	216,000	30,000
Winter river.	72,000	14,000
Indian river.	72,000	
Gurneys river.	72,000	
Belle river.	200,000	
Midgell river.	72,000	
Wheatley river.	72,000	
	1,064,000	108,000
Total.		1,172,000

CHARLOTTETOWN HATCHERY.

	Lobsters.
Governor's island.	18,000,000
Seal Rock island.	22,000,000
Cameron's reef.	18,000,000
Argyle shore.	2,000,000
Black Point reef.	2,000,000
Point Prim reef	16,000,000
St. Peter's island.	26,000,000
Canoe point.	2,000,000
Holland's cove.	2,000,000
Keppoch reef.	12,000,000
Big Point reef.	8,000,000
Trout point.	4,000,000
Rice point.	8,000,000
Total.	140,000,000

4 GEORGE V., A. 1914

GEORGETOWN HATCHERY.

	Lobsters.
St. Mary's bay..	5,000,000
Between Panmure island and Murray harbour.. . . .	5,000,000
Annandale bay..	6,000,000
Montague bay..	5,000,000
Cardigan bay..	2,000,000
Brudenell river and Georgetown harbour.. . . .	1,000,000
Total..	24,000,000

QUEBEC.

TADOUSAC HATCHERY.

	Atlantic salmon.	
Malbaie river..	300,000	
St. Jean river..	200,000	
Little Saguenay river..	200,000	
Riviere a Mars..	300,000	
Lake du Juge..	100,000	
Hatchery lake..	100,000	
Long lake	Distributed from Bergeronnes subsidiary hatchery.	500,000
Gobeil		300,000
Caribou		200,000
Guillaume		300,000
Boulanger		200,000
Portage river—Distributed from Ste. Marguerite subsidiary hatchery..		700,000
Total..		3,400,000

GASPÉ HATCHERY.

	Atlantic salmon
York river..	397,000
Dartmouth river..	316,000
St. John river..	413,000
Anticosti island rivers..	230,000
Total..	1,356,000

MAGOG HATCHERY.

	Speckled trout.	Atlantic salmon.	Salmon trout.	Grey trout.
Megantic lake			150,000	
Memphremagog lake		30,000	350,000	100,000
Private pond, Cookshire	8,000			
Tucker lake..	10,000			
Trout lake	5,000			
Wolfe County Club's waters.. . . .	5,000			
Buque lake..	15,000			
Joseph lake..			10,000	
Henderson brook	10,000			
Three Miles lake	5,000			
Muffatt lake..				30,000

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	Speckled trout.	Atlantic salmon.	Salmon trout.	Grey trout.
Thames river	10,000			
Therien lake			10,000	
Trois Saumons lake			10,000	
Clear lake		15,000		
Selby lake		5,000	20,000	15,000
Scaswaninipus lake			50,000	
Smooth Pond lake			50,000	
Orford lake			50,000	
Massawippi lake			100,000	
Key pond lake			50,000	
Brome lake			50,000	
	<hr/> 68,000	<hr/> 50,000	<hr/> 900,000	<hr/> 145,000
Total				1,163,000

LAC TREMBLANT HATCHERY.

	Speckled trout.	Salmon trout.
Carre lake, Ste. Agathe	10,000	
Long lake, Ste. Agathe	10,000	
Rond lake, Ste. Adele	10,000	
Marois lake, Shawbridge	25,000	
des Laurentides lake, Val Morin	5,000	
Bourdeau lake, Ste. Lucie	20,000	
Chapleau and Mauves lakes, Minerve	10,000	
de la Truite lake, Ste. Agathe	5,000	
Rochon lake, Pied-Mont		50,000
Noir lake, Pied-Mont		40,000
Cook lake, Pied-Mont		40,000
Belanger lake, Pied-Mont		40,000
des Sables lake, Ste. Agathe		50,000
Beausoleil lake, Ste. Agathe		15,000
Brulé lake, Ste. Agathe		50,000
Lauzon and Simon lakes, La Conception		50,000
Lake St. Clair, La Conception		20,000
Caribou lake, Arundel		50,000
Henri and Bardeaux lakes, Huberdeau		50,000
Cornu lake, St. Hypolite		45,000
Kilkenny lake, St. Hypolite		45,000
Charlebois and des Iles lakes, Ste. Marguerite		50,000
Brulé lake, Ste. Marguerite		25,000
Masson lake, Ste. Marguerite		30,000
Bleu lake, St. Jovite		50,000
Tremblant lake, St. Jovite		200,000
	<hr/> 95,000	<hr/> 900,000
Total		995,000

LAKE LESTER REARING PONDS.

	Red (Marstonii) Trout.	Speckled Trout.	Atlantic Salmon.	Grey Trout.	Salmon Trout.
Gravel Pond near Coaticook.....	.....	5,000	.....	.....	...
McIntyre Pond and Brook, Beebe....	.....	5,000	.....	.....	.....
In rearing ponds.....	3,000	5,000	40,000	225,000	75,000

The speckled trout distributed were well advanced, having been fed in the ponds for about two months. The fry at present in the ponds will be distributed as fingerlings during September. From present indications, the distribution this season will be approximately as follows :—

Speckled Trout.....	12,000
Red (Marstonii) Trout.....	3,000
Atlantic Salmon.....	35,000
Grey Trout.....	200,000
Salmon Trout.....	75,000
Total (approximate).....	325,000

ST ALEXIS DES MONTS HATCHERY.

	Atlantic salmon.	Speckled trout.	Red (Marstonii) trout.	Salmon trout.
Bellemare lake		15,000		
Mandeville lake.. .. .		15,000		10,000
French lake.. .. .		15,000		
Miroir lake.. .. .		20,000		
Maggie lake.. .. .		15,000		
Beauport lake		15,000		
Pond lake.. .. .		10,000		
Beauvais lake.. .. .		10,000		
Dickerman lake.. .. .		20,000		
Carolus and Baribeau lakes.. ..	20,000	20,000	3,000	25,000
Ferron lake.. .. .		10,000		25,000
Chain of Three lakes.. .. .	15,000	30,000	2,000	15,000
Joseph Bob lake.. .. .	10,000			
Lambert lake.. .. .	10,000			
Saccacomie lake.. .. .	25,000			
Simpson lake	20,000			20,000
	100,000	195,000	5,000	95,000
Total.. .. .				395,000

PORT DANIEL HATCHERY.

	Lobsters.
Port Daniel west.. .. .	1,000,000

MAGDALEN ISLAND HATCHERY.

	Lobsters.
* { Cape Vere.. .. .	12,000,000
* { Little harbour.. .. .	21,000,000
* { Harbour Basque	14,000,000
* { Narrows.. .. .	8,000,000
Total.. .. .	55,000,000

*The above fry were all planted in the lagoons at the places mentioned.

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ONTARIO.

NEWCASTLE HATCHERY.

<i>Lake Ontario—</i>	Salmon Trout Fry.	Yearlings.	Atlantic salmon.	Speckled trout.
Hamilton..	100,000			
Toronto..	100,000			
Whitby..	100,000			
Cobourg..	100,000			
Kingston..	100,000			
Picton..	100,000			
Consecon	100,000			
Newcastle..	70,000			
Bowmanville	50,000			
<i>Lakes—</i>				
Couchiching, Orillia..	100,000			
Simcoe, Barrie	100,000			
Charleston, Athens	50,000			
Gould, Sydenham	50,000			
Sasaginaga, Cobalt..	75,000			
Chain of Lakes, Seguin Falls.. . .	50,000			
Ramsay, Sudbury..	50,000			
Timiskaming, Haileybury..	50,000			
Twin, New Liskeard..	25,000			
Horse-show, Falding..	50,000			
Rainy, Sprucedale..	50,000			
Mosquibnish and Loon, Haliburton..	50,000			
Muskoka lakes..	50,000			
Stoney, Sundridge..	50,000			
Rideau, Portland	50,000			
Algonquin National park..	50,000		50,000	
Lyndhurst L., Lyndhurst..		3,000		
Oak L., Havelock..			10,000	
Lost L			10,000	
Hatchery creek, Newcastle..			5,000	
Frankish trout ponds..				8,000
Trenton pond				8,000
Manvers trout ponds..				8,000
Crossen pond (Cobourg)..				5,000
	<hr/> 1,700,000 <hr/>	<hr/> 3,000 <hr/>	<hr/> 75,000 <hr/>	<hr/> 29,000 <hr/>
Total..				1,807,000

In addition to the above mentioned fry, the following shipments of eyed eggs were made from this hatchery:—

	Salmon trout.
Magog hatchery..	624,000
Mont Tremblant	312,000
Grand Falls..	612,000
St. Paulin..	65,000
Total..	<hr/> 1,613,000 <hr/>

SANDWICH HATCHERY.

	Whitefish.
<i>Lake Ontario—</i>	
Belleville, Bay of Quinte..	1,000,000
Hamilton..	1,000,000
Toronto..	1,000,000
<i>Lake Erie—</i>	
Port Stanley..	1,000,000
Dunnville..	1,000,000
Kingsville..	1,000,000
Leamington..	1,000,000
Bar point..	3,000,000
Pigeon bay..	3,000,000
<i>Lake St. Clair—</i>	
Mitchel's bay..	3,000,000
<i>Detroit river—</i>	
Peach island..	5,000,000
Stoney island..	3,000,000
Turkey island..	5,000,000
Fighting island..	6,000,000
Bay below Fighting island..	6,000,000
Bois Blanc island..	8,000,000
River at hatchery..	6,000,000
Total..	55,000,000

SARNIA HATCHERY.

	Whitefish.	Pickarel.
<i>Lake Huron—</i>		
Along lake shore from 20 to 35 miles from mouth of the St. Clair river.	40,000,000	
Point Edward and Sarnia spawning grounds..		34,900,000
<i>Aux Sable river—</i>		
Ailsa Craig..		100,000
Port Frank } Grand Bend {		5,000,000
	40,000,000	40,000,000
Total..		80,000,000

WIARTON HATCHERY.

	Salmon trout.	Speckled trout.
<i>Lake Huron—</i>		
Tobermory..	400,000	
Rattle Snake	400,000	
South bay	400,000	
Providence bay	400,000	
Meldrum bay { Duck islands {	800,000	
<i>Georgian bay—</i>		
Killarney..	400,000	
Jackson's shoal	400,000	
Surprise shoal..	400,000	

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	Salmon trout.	Speckled trout.
Meaford..	400,000	
Cape Croker } Vail's point }	700,000	
Presqu'Isle..	400,000	
Cape Commodore	600,000	
Port Elgin..	1,000,000	
Gravelly point..	1,000,000	
Hay island..	1,000,000	
Griffith island..	1,000,000	
White Cloud island.....	1,000,000	
Pruder's dock..	500,000	
Cameron's point..	700,000	
Four Mile point..	700,000	
Spey creek..		3,500
Tributary of Sydenham river (Chatsworth)		3,500
Tributary of Sauble river (Hepworth)....		3,500
Pheffer creek..		3,400
Camp creek		3,400
Beaver river..		3,400
	12,600,000	20,700
Total..		12,620,700

PORT ARTHUR HATCHERY.

	Salmon trout.	Speckled trout.	Whitefish.
Rossporf	400,000		
St. Ignace island..	400,000		
Duck bay..	200,000		
Silver island..	200,000		
Tea harbour..	200,000		
Thunder cape	200,000		
Hare island..	200,000		
Pie island	200,000		
Mink island..	200,000		
Victoria island	200,000		
Welcome island..	150,000		
Thunder bay (advanced fry)..	50,000		
Thunder bay..	2,900,000		{*8,000,000 }10,000,000
Windy lake	50,000	15,000	
Lake Helena..		7,000	
Black bay..			2,000,000
	5,550,000	22,000	20,000,000
Total..			25,572,000

• Eyed eggs.

In addition to the above distribution the following shipments of eyed eggs were made from this hatchery:—

	Speckled trout.	Whitefish.
Harrison lake, B.C... ..		3,000,000
Cowichan, B.C... ..	35,000	
Wiar-ton, Ont... ..	22,400	
Southampton, Ont... ..	21,000	
Newcastle, Ont... ..	30,000	
Grand Falls, N.B... ..	36,000	
Total... ..	144,000	3,000,000

SOUTHAMPTON HATCHERY.

	Steelhead salmon.	Salmon trout.	Speckled trout.
Inner Loon ground... ..		2,850,000	
Chantry island... ..		1,600,000	
Nine Mile point... ..		1,900,000	
Stokes bay... ..		1,500,000	
Big Reef off Kincardine... ..		1,700,000	
Chief point... ..		800,000	
Sun Fish lake, Waterloo... ..		25,000	
Weber's creek, Waterloo... ..			5,000
Saugeen river—			
Neustadt branch... ..			5,000
Beaty Saugeen river—			
Neustadt branch... ..			5,000
Near Ayton... ..			5,000
McFarlane's Spring creek... ..			5,000
River Speed, Rockwood branch... ..			5,000
Puslinch river, near Guelph... ..			5,000
Tovatt Spring creek... ..			5,000
Snake creek, Bruce county... ..			5,000
Amable Spring creek... ..			5,000
Mildmay Spring creek... ..			80,000
Amable, Chesley lake... ..	75,000		
Spring creek (private) near Hepworth... ..			30,000
Spring creek, 2½ miles from Mildmay public waters... ..			30,000
	75,000	10,375,000	190,000
Total... ..			10,640,000

COLLINGWOOD HATCHERY.

	Whitefish.
Georgian bay spawning grounds in the vicinity of Collingwood... ..	*25,000,000

* Fertilized eggs.

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MANITOBA.

SELKIRK HATCHERY.

<i>Lake Winnipeg—</i>	Whitefish.
Red river at Selkirk.	27,000,000

BERENS RIVER HATCHERY.

<i>Lake Winnipeg—</i>	Whitefish.
Berens river.	41,000,000

WINNIPEGOSIS HATCHERY.

<i>Lake Winnipegosis—</i>	Whitefish.
In the vicinity of Snake island	19,440,000

BRITISH COLUMBIA.

Fraser River Watershed.

GRANITE CREEK HATCHERY.

	Sockeye.	Cohoe.	Cut throat trout.
Granite Creek.	48,000	47,000	.....
Harper Lakes, near Shuswap. . . . .	.....	.....	3,000
McBryan Lake, Skimekin Valley. . . . .	.....	.....	2,000
Okanagan Lake. . . . .	.....	.....	10,000
Violin Lake, near Rossland. . . . .	.....	.....	1,200
	<hr/>	<hr/>	<hr/>
	48,000	47,000	16,200
	<hr/>	<hr/>	<hr/>
Total . . . . .	.....	.....	111,200

HARRISON LAKE HATCHERY.

	Sockeye.	Spring.	Cohoe.	Dog.	Whitefish.
Hatchery Ponds.	1,000,000	.....	.....	.....	.....
Harrison Lake. . . . .	.....	.....	300,000	1,100,000	.....
Harrison River. . . . .	.....	2,200,000	600,000	.....	.....
Morris Creek.	1,500,000	900,000	1,000,000	.....	.....
Cascade Bay. . . . .	.....	.....	.....	.....	7,000,000
Hicks Lake. . . . .	.....	.....	.....	.....	100,000
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	2,500,000	3,100,000	1,900,000	1,100,000	7,100,000
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
Total.	15,700,000

STUART LAKE HATCHERY.

Stuart Lake, Cunningham Creek.	Sockeye. 5,380,000
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PEMBERTON HATCHERY.

Birkenhead River.	Sockeye. 22,660,000
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SKEENA RIVER WATERSHED.

SKEENA RIVER HATCHERY.

Coldwater creek and Lakelse lake.	Sockeye. 4,160,430
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BABINE HATCHERY.

	Sockeye.
Salmon river..	7,270,000

COWICHAN LAKE HATCHERY.

Cohoe salmon..	3,180,600
Spring salmon..	712,500
Steelhead salmon..	173,900
Atlantic salmon..	142,500
B. C. lake trout..	94,000
Speckled trout..	14,550
Cut-throat trout..	9,700
<hr/>	
Total..	4,327,750

RIVERS INLET HATCHERY.

	Sockeye.
Rivers Inlet lake..	10,981,000

KENNEDY LAKE HATCHERY.

	Sockeye.
Kennedy lake..	7,763,750

ANDERSON LAKE HATCHERY.

	Sockeye.
Anderson lake, Ternan creek	7,268,000

NIMPKISH HATCHERY.

(Operated by British Columbia Packers' Association.)

	Sockeye.
Nimpkish lake	4,981,000

APPENDIX 19.**REPORT ON FISH AND FISHERIES OF HUDSON STRAIT BASED ON OBSERVATIONS MADE DURING AN OFFICIAL PATROL, OCTOBER, 1912, TO SEPTEMBER, 1913, BY THOMAS TANNER, DOMINION CUSTOMS AND FISHERY OFFICER.**

The waters of Hudson strait so far as fisheries are concerned, may be regarded as a virgin area, and though no thorough investigation of these resources has been made, the result of my investigations from October, 1912, to September, 1913, shows that there are supplies of valuable fish which could be made of great market value and are well worth development.

The two difficulties are: 1st. The sparse population and consequent lack of fishermen; 2nd. The short season, which would involve all the work being done in a short time. These two difficulties can be easily overcome. The example of British Columbia proves this. The British Columbia coast had until recently a very limited population, and the runs of the principal fish were confined to a few months in the year. Notwithstanding that, the Pacific fisheries of Canada have developed enormously and in some years the catch of British Columbia salmon, halibut, &c., has exceeded that of cod and lobsters combined. Thus in 1910-11 salmon amounted to \$10,333,070, while lobsters and cod reached the value of \$8,991,963 (lobsters \$4,790,203, and cod \$4,201,760).

It may be noted that lobsters, mackerel, halibut, oysters and smelt do not occur so far as I was able to observe.

From a commercial standpoint the cod is the most important fish and there is no regular cod-fishing carried on. As Rev. S. M. Stewart informed me (to quote his own words), 'There is no limit to the quantity of cod fish.' 'Some years ago,' added Mr. Stewart, 'Newfoundland vessels were here, but none have come for the past eight or ten years.' A few small schooners from Newfoundland come up every year and get full loads of codfish and other fish.

The weather is perfect for fishing, but not so favourable for drying them on the spot, but the catches can be salted and taken home to the curing places just as is the practice of the Lunenburg fleet. As this is deep sea fishing no doubt a bounty could be authorized during the first few years when the industry is in its first stages of development. The sum of \$160,000 per annum is available 'to encourage the development of the sea fisheries and the building of fishing vessels,' as the title of Fishing Bounty Act states.

There are probably about 500 Eskimo who would be available as practised fishermen if the project of utilizing these cod fisheries was carried out and white men appointed to superintend the operations. Eskimo women are as expert at fishing as the men, and are accustomed to do as much work as the men, so that full crews could be relied upon and they are hard workers, steady and reliable, if under proper superintendence.

I am of opinion that such Eskimo fishermen and women would be far more reliable than the Indians of the Pacific coast. Wherever wages are offered to them they are found to be the best and most reliable workers to be obtained and as they are all British subjects and residents in territory belonging to the Dominion of Canada, they would be fully entitled to the benefit of the Fishing Bounty Act, in my opinion.

Port Burwell would be the best centre as it has two harbours, the inner and outer harbours, and there are the finest fishing grounds within easy reach on all sides. The Eskimo would come from other localities and camp at Port Burwell, although at the port itself there are always a number of Eskimos, say about 140 men, women and children. The chief method of fishing would be by baited trawls rather than by inshore traps and 8 to 12 weeks would cover the fishing season.

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With respect to the salmon family three kinds occur including the true sea salmon, the salmon trout, sometimes called Arctic salmon ranging from 5 lbs. to 8 lbs; 'A fish,' Mr. A. P. Low says in his report on the *Neptune*, 1906, page 297, 'superior to the best Pacific salmon, and indeed of such good table qualities that there would be a great demand for it in the best markets. I found this fish delicious and of far better flavour than any other salmon or salmon trout that I ever tasted.'

The Eskimo have been accustomed to dam streams in the fall when the salmon trout are running up to spawn and they got their winter supplies in this way. During the summer months these fish are plentiful off the shores, not only along the south shores, but on the coast of Baffin Land, where I myself saw them on many occasions. Nets would require to be used to take them during the summer and I saw the nets which are used. I pointed out that the nets should be of larger mesh, not less than 5 inches, but they have used nets of $2\frac{1}{2}$ to 3 inches mesh. After my warning them that the Fisheries Act specified a larger mesh the agents of the Hudson Bay Company, and of the missions, promised to inform the Eskimo and as they make their own nets from twine bought at the stores, these nets will in future be of larger mesh as the law requires.

The chief export of salted salmon trout in barrels is to St. John's, Newfoundland, but the annual quantity put up could be vastly increased were the fishery systematically developed. There is no energy or enterprise at present and the fishing done is simply to supply the local needs of the posts, and winter food at the Eskimo camps, the fish being stored under rocks, covered with snow near their igloos or winter houses. The export is at present very limited.

There is a great future for a profitable industry if the enterprise was pushed by practical men. The cost of the fish is really nominal and the price realized in the market for these pickled salmon would be more than double the cost. They might be frozen and shipped on refrigerator boats and it could not fail to pay well, as the fish are of such exceedingly fine quality. The supply is now unlimited and the price they would bring if properly handled would, without question, equal that of the best frozen salmon now retailed at 15 to 20 cents per pound. These Hudson Strait fish would be preferred to any of the Pacific salmon now on the markets.

The seal and white whale industries are capable of being better utilized. Both these animals yield the finest oil which when refined is in demand as one of the best machine lubricating oils, while the skin makes excellent leather and the Eskimo boots and clothing made from it are very lasting, flexible and of fine texture. No leather is more serviceable. The meat is always in demand for food for the Eskimo tribes and their dogs, and they keep a supply frozen to meet their winter requirements.

The whaling has so declined that practically few or no whalers frequent these regions, in contrast to the great and active whaling industry carried on for over a hundred years by whalers from Scotland, the United States and from Gaspé and a few other posts in Canada.

The Hudson Bay Company also tried whaling according to their records which I saw, but they found it did not pay, and have long ceased to carry on this fishery. I saw five whales in the strait which were declared to be the valuable right whale or bow-head. Owing to the absence of whalers I did not issue any licenses, though I was prepared to collect fees and distribute whaling licenses in accordance with the instructions given me by the Department.

As the various parties I met seemed anxious to know what the Dominion Fishery Regulations are, I prepared and circulated a suitable copy of the laws extracted from the Fisheries Act, chapter 45, and I saw every evidence that the agents and the Eskimo tribes would pay every attention to these regulations. The tribes are most law-abiding and only need to be informed as to the law in order to obey it.

I may add that I resided in this northern area from October, 1912, to September, 1913, and I visited Baffin Land and other distant places along the strait.

THOMAS TANNER.

OTTAWA, October, 1913.

APPENDIX No. 20.

THE OUTSIDE STAFF OF THE FISHERIES BRANCH

LIST OF INSPECTORS OF FISHERIES IN THE DIFFERENT PROVINCES
OF THE DOMINION, 1912-13.

Names.	P. O. Address.	Extent of Jurisdiction.
McLeod, A. G.....	South Gut, St Ann's, N.S.....	District No. 1.—Cape Breton Island.
Hockin, Robt.....	Pictou, N.S.....	District No. 2.—Cumberland, Colchester, Pictou, Antigonish, Guysboro', Halifax and Hants counties.
Fisher, Ward.....	Shelburne, N.S. . .	District No. 3.—Lunenburg, Queens, Shelburne, Yarmouth, Digby, Annapolis and Kings counties
Calder, John F.....	Campobello, N.B. . .	District No. 1.—The counties of Charlotte and St. John.
Chapman, Robt. A.....	Moncton, N.B. . . .	District No. 2.—Restigouche, Gloucester, Northumberland, Kent, Westmorland and Albert counties.
Harrison, H. E.	Fredericton, N.B. . .	District No. 3—Kings, Queens, Sunbury, York, Carleton and Victoria counties.
Matheson, J. A.....	Charlottetown.....	Prince Edward Island.
Wakeham, Wm., M.D..	Gaspé Basin, Que.	Lower St. Lawrence river and gulf.
Bernard, C. A.....	St. Césaire.....	Eastern Townships.
Riendeau, Jos.....	Longueuil, Que.	The counties of the province of Quebec bordering on the St. Lawrence from Huntingdon to Three Rivers.
Foster, T. J.....	Sault-Ste.Marie, Ont.	The districts of Rainy River, Thunder Bay, Algoma, Nipissing, Parry Sound, Muskoka; and the counties of Simcoe, Grey and the Georgian bay side of Bruce county to Cape Hurd, including the waters of and around Manitoulin island and islands in its vicinity, as well as the waters of Georgian bay, North channel, and the Canadian waters of Lake Superior.
Sheppard, O. B.....	Toronto, Ont.....	That portion of the county of Bruce bordering on Lake Huron from Cape Hurd south, and the waters within the said county, as well as the counties of Huron, Lambton, Essex, Kent, Elgin, Norfolk, Haldimand, Welland, Middlesex, Oxford, Perth, Brant, Waterloo, Wellington and Dufferin, and the Canadian waters of Lakes Huron, St. Clair and Erie, and connecting waters and Niagara river down to Niagara falls.
Hurst, J. S.	Belleville, Ont.	The remainder of the province of Ontario, embracing the Canadian waters of Niagara river from Niagara falls, as well as the Canadian portion of Lake Ontario and the St. Lawrence river, and the Ontario half of the Ottawa River up to, and including, the portion thereof in the county of Renfrew, as well as the whole of Lake Simcoe.
Howell, Capt. J. A.....	Selkirk, Man.....	Province of Manitoba and the district of Keewatin.
Miller, E. W.	Fort Qu'Appelle..	{ " Saskatchewan. } Chief
MacDonald, G.C.	Prince Albert, Sask	{ " Alberta and district of McKenzie. } Inspector.
Wilson, Justus.....	Noyes Crossing, Alta	Province of Saskatchewan.
Payson, C. C.....	Dawson City	Northern Alberta.
Cunningham, F. H.....	New Westminster..	Yukon District.
A. P. Halladay	"	Province of British Columbia—Chief Inspector for the Province.
Williams, J. T	Port Essington.....	Province of British Columbia—Assistant Inspector—No. 1, Southern district.
Taylor, E. G.....	Nanaimo.....	Province of British Columbia—No. 2, Northern district.
		" " " No. 3, Vancouver Island.

LIST OF FISHERY OFFICERS IN THE DOMINION OF CANADA,
1912-13.*

NOVA SCOTIA.

Annapolis County.

Name of Officer.	P. O. Address.	Extent of Jurisdiction.
Purdy, Walter.....	Deep Brook	Annapolis County.

Antigonish County.

McDougall, Hugh	Cross Roads, Ohio..	Antigonish County.
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Cape Breton County.

King, H. A.....	Little Bras d'Or	Cape Breton County.
Gillis, D. M	Grand Mira.....	" "
McCuish, John.....	Bateston... ..	" "
Hall, Edward	Main-à-Dieu.....	" "
McDonald, Allan.....	Gabarouse Lake....	" "
McLean, Murdock.....	Leitches Creek.....	" "
McDonald, Angus	Port Morien.....	" "
Sullivan, Timothy.....	Florence, Sydney M.	" "

Colchester County.

Marsh, Lowell.....	Central Economy....	Colchester County.
Langille, B. S.....	Tatamagouche.. ..	"
McCleave, J. H....	Lower Stewiacke ...	"

Cumberland County.

Angevine, Frank.....	Middleboro.....	Cumberland County.
Hunter, Clark T.....	Linden.....	"
Holmes, Capt. D. W....	Parrsboro.....	"
Kirwin, Frank	Wallace	"
Smith, R. S	Pugwash.	"
Thompson, Gay.....	Oxford... ..	"

Digby County.

Torrie, G. E.....	Digby.	Municipality of Digby, Digby county.
Aymar, Wm.....	Meteghan	Municipality of Clare. "

Guysboro County.

Dillon, John A	Guysboro.....	Guysboro County.
Cooper, R. V.....	Wine Harbour.....	"

Halifax County.

Gaston, Robt.....	Tangier.....	Halifax County.
Kennedy, Thos.....	Hubbards.....	"
Rowlings, George.....	Musquodoboit Harb.	"

* Revised up to October 1913.

SESSIONAL PAPER No. 22

LIST of Fishery Officers in the Dominion of Canada—*Continued.*NOVA SCOTIA—*Continued.**Hants County.*

Name of Officer.	P. O. Address.	Extent of Jurisdiction.
Cochrane James.....	St. Croix.....	Hants county.
McDonald, Chas.....	Shubenacadie.....	"

Inverness County.

LeBlanc, Lazare.....	Eastern Harbour....	From Big Pond lobster factory north, including Cheticamp, Eastern Harbour, Little River, Pleasant Bay and Pollets Cove.
Cody, M. J.....	S.W. Margaree.....	Inverness coast from Broad Cove Chapel to Delany's Cove, also East lake Ainslie and streams, Loch Ban, S. W. Margaree river and tributaries, and Margaree river from forks of Margaree harbour.
Ross, Jas. J.....	N. E. Margaree.....	Coast of Inverness Co., from Delany's Cove northward, including Big Pond, Eastern Hr., &c. also N. E. Margaree river from Margaree forks to source, and all other streams to Victoria Co. line.
McLellan, D. N.....	Dunvegan.....	Inverness county.
McIntosh, Geo. P.....	Pleasant Bay.....	Coast of Inverness Co. extending from Pleasant Bay to Meat Cove (inclusive).
McLennan, Jno. B.....	Kingsville.....	Inverness Co.
McDonald, A. J.....	Seaside, Port Hood.	W. division coast south of Mabou Hr., including S. W. Mabou river, Port Hood, Judique, Long Pt., Pt. Hastings and Hawkesbury, to N. W. arm River Inhabitants in interior; and north side Victoria Co., from Js. McKinnon's to Whycocomagh bay: and through Glencoe and S. W. ridge of Mabou to Mabou bridge.

Kings County.

Chute, Capt. Edward....	Canada Creek.....	Kings county.
Reid, Reuben F.....	Wolfville.....	"
Rathbone, C. F. A.....	Hortonville.....	"

Lunenburg County.

Hebb, L. J.....	Lunenburg.....	Lunenburg county.
Evans, Austin.....	Chester.....	"

Pictou County.

Sutherland, Robert....	River John.....	Western division Pictou Co., comprising coast water from Colchester Co line to Cole's reef, Pictou Hr. and streams flowing into it, viz., River John and tributaries, Toney river, and Big and Little Cariboo rivers.
Germain, Wm.....	Rudway.....	Pictou county.
McDonald, D. L.....	Bailey's Brook.....	Pictou county.
Pritchard, A. O.....	New Glasgow.....	Pictou harbor, Pictou island, East, West and Middle rivers, Pictou Co.

List of Fishery Officers in the Dominion of Canada—Continued.

NOVA SCOTIA—Concluded.

Queens County..

Name of Officer.	P. O. Address.	Extent of Jurisdiction.
Fraser, W. E.....	Liverpool.....	Queens county.
Young, Chas.....	Mill Village.....	"

Richmond County..

Sampson, Anthony.....	Lower L'Ardoise..	That portion of sea coast, lakes and inland waters lying east of St. Peter canal.
Boudrot, Capt. Sylvester	Petit de Grat.....	Coast and inland waters of Isle Madame, including south-erly half of waters of Lennox passage.
Thibeau, P. J.....	Thibeauville.....	Richmond county.

Shelburne County.

Stoddard, Henry.....	Shag Harbour	From and including Clyde river to Yarmouth Co. line.
Walls, George.....	Shelburne.....	Shelburne county.

Victoria County.

Campbell, Jno. M.....	Care Marine Agent at Halifax.....	St. Paul's island.
McAulay, Allan	Big Baddeck.....	Victoria county.
Hellen, Wm..	Cape North.....	Northern part of Victoria county.
Morrison, Alex.....	Wreck Cove.....	Englishtown north to Smoky cape at South Ingonish.
McDonald, Murdo.	Big Bras d'Or.....	Big Bras d'Or north to Englishtown.
Donovan, J. T.....	Ingonish.....	North and South Ingonish, including Ingonish island.
McDonald, Wm. A.	Brook, Middle River	Victoria island.

Yarmouth County.

D'Entremont, J G.....	Middle, W. Pubnico.	Yarmouth county.
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NEW BRUNSWICK. .

Albert County.

Conner, N. D	Alma.....	Albert county.
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Charlotte County.

Worrell, Robert.....	St. Andrews.....	Waters in vicinity of St. Andrews, extending from Owen head to Oak bay.
Fraser, W. A.....	Woodward's Cove, Grand Manan	Island of Grand Manan, and waters surrounding the same.
Brown, Burden.....	Wilson's Beach.. ..	Campobello, and the West isles, Charlotte Co.
Lord, C. H.....	Lord's Cove, Deer Isl	West Isles.
Justason, E. C.....	Pennfield	Charlotte county.
McNichol, Elgin.....	Letete.....	"
Daley, Patrick.....	Lepreaux	"

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List of Fishery Officers in the Dominion of Canada—*Continued.*NEW BRUNSWICK—*Continued.**Gloucester County.*

Name of Officer.	P. O. Address.	Extent of Jurisdiction.
Canty, Thomas	Bathurst	Gloucester county.
Doucet, Jas. P.	Elm Tree	"
Arseneau, Edmond. . .	Inkerman	"
Sewell, Edmund	Pokemouche	"
Mourant, John A.	Carquette	"
Ache, Adolphe.	Shippegan	"

Kent County.

Hannah, Wm F.	Richibucto	Kent county.
Allain, P. A.	Buctouche	Coast line and inland waters of the parishes of Wellington and St. Marie.
Despres, E. T.	Cocagne Bridge	Kent county.

Madawaska County.

Gagnon, L. A.	Edmundston	Madawaska county.
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Northumberland County.

Abbott, Lemuel H.	Chatham	Both shores of Miramichi river from Point au Quart on south and Oak point on north to junction of N.W. and S.W. Miramichi rivers, with all islands therein and tributary streams.
McDonald, Ronald	Bayside	Northumberland county.
Williston, Wathan. . .	Baie du Vin	"
Parker, L. P.	Derby	"
Sutherland, M.	Red Bank	"

Queens County.

Holmes, Wm.	Gagetown	Queens county.
Worden, A. C.	Cody's	"

Restigouche County.

Hamilton, Wm C.	Black Lands	Baie des Chaleurs, and tributaries, from Belledune to Dalhousie.
Ferguson, Ebenezer.	Pointe La Nim.	Restigouche river and its tributaries in the counties of Restigouche and Victoria.
Mowat, Max.	Campbellton	Restigouche county.

Sunbury County.

Babitt, Fred.	Swan Creek	St. John River from Indiantown, Sunbury county, to the county line of York.
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St. John County.

Brittain, B. B.	55 Middle street, St. John West	St. John county.
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List of Fishery Officers in the Dominion of Canada—*Continued.*NEW BRUNSWICK—*Concluded.**Victoria County.*

Name of Officer.	P. O. Address.	Extent of Jurisdiction.
LeClair, Joseph.....	Grand Falls.....	Victoria county.

Westmorland County.

Vienneau, Siffroid	Dupuis Corner.	Coastal and inland waters of parish of Shediac, and portion of Botsford parish, north of Big Shemogue Hr., and road from same to near Bristol corners, past Bristol corners and Lowthers to parish of Sackville, with jurisdiction in parishes of Moncton and Salisbury.
Melanson, Siméon	Pré-d'en-haut.	Parish of Dorchester, including Petitcodiac river.
Prescott, Robert.....	Baie-Verte.	Part of Botsford parish, county of Westmorland.
Prescott, Joseph.....	"	Parishes of Westmorland and Sackville.

York County

McKay, James D.....	Fredericton.....	York county.
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PRINCE EDWARD ISLAND.

Kings County.

Keays, John.....	Souris	Kings county.
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Prince County.

Davison, John	Bedeque	Prince county.
Quinn, Geo.....	Bloomfield	"

Queens County.

McAulay, A. C.	Tracadie Cross.....	Queens county.
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PROVINCE OF QUEBEC.

Gaspé County.

Kennedy, Frederick	Douglastown.	That portion of the province south of the St. Lawrence, to and including county of Bellechasse, but specially the counties of Bonaventure and Gaspé.
Migneault, T.....	140 St. Francois St., Quebec.	From Quebec to the Saguenay River on the north shore and from Quebec to Rimouski on the south shore.

Magdalen Islands.

Chiasson, Cirice.....	House Harbour. . .	Magdalen islands.
Chevrier, J. A.....	Havre Aubert ...	That part of Magdalen islands comprising Entry, Amherst and Grindstone islands, also Harbour Basque lagoons.

SESSIONAL PAPER No. 22

LIST of Fishery Officers in the Dominion of Canada—*Continued.*PROVINCE OF QUEBEC—*Continued.**Saguenay County.*

Name of Officer.	P. O. Address.	Extent of Jurisdiction.
Blais, Alex.....	(Winter Address), Levis. (Summer address), Long Pt. Bradore, via New- foundland.....	From Blanc Sablon to Shikatika, (Bonne-Espérance district).
Comeau, Nap. A.....	Godbout.....	From Jambons to Tadoussac (Godbout district).
Cormier, Achille.....	(Winter address), Esquimaux Point. (Summer) Romaine via Natashquan.	From Cape Whittle to Natashquan Point, (Romaine district).
Joncas, Richard.....	Natashquan.....	From Natashquan to Ste. Geneviève (Natashquan, district).
LeBlanc, Eusèbe.....	Esquimaux Point...	From Ste. Geneviève to Pigon (Mingan district).
Evans, Thos.....	St. Augustin.....	From Shikatika to Cape Whittle (St. Augustin district).
Levesque, Elzéar.. . .	Seven Islands.....	Ste. Marguerite, Seven isles, Moisie and Pigeon.

MANITOBA.

White, C. L.....	Winnipegosis.....	Manitoba.
Stevenson, E. H.....	Le Pas.....	Keewatin district.
Daly, Daniel S.. . . .	Selkirk.....	Manitoba.

SASKATCHEWAN.

Thom, A. K.....	Wadena.....	Wadena district.
Hunter, G. S.....	Dilke Lake.....	District of Long lake, Qu'Appelle river, bounded on south by base line Tp. No. 16, on north by Tp. No. 30, on east by east side of Range 19, and on west by west side of Range 27, all west of 2nd meridian.
Whitley, Jno. M.....	Durlingville.....	Cold and Primrose lakes and vicinity.
Fitzgerald, Ira.....	Meota.....	Jackfish lake district.
Clarke, Thos.....	Montreal Lake P.O.	Red Deer Lake and Lac la Rouge District.
Beatty, Edward.....	Green Lake P.O....	Isle la Crosse district.

ALBERTA.

Hoad, Nelson J.....	Calgary.....	Southern Alberta.
Wood, Ingram.....	Wetaskiwin.....	Pigeon lake, etc.
Potts, R. H.....	Grouard.....	Lesser Slave lake and vicinity.

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LIST of Fishery Officers in the Dominion of Canada—*Concluded.*

BRITISH COLUMBIA.

Name of Officer.	P. O. Address.	Extent of Jurisdiction.
Galbraith, W. M.	14 Ridge Road, Victoria.	Cowichan river district.
McLeod, John.....	Nelson.....	Kootenay district.
Saugstad, Gunner.....	Rivers Inlet.....	Rivers Inlet district.
Norrie, Stewart.....	Prince Rupert.....	Prince Rupert district.
Adamson, W. T.....	Naas.....	Naas river district.
Widsten, John.....	Bella Coola.....	Bella Coola and Kinsquit districts.
Harrison, Chas.....	Masset.....	Queen Charlotte islands.
Roberts, Benjamin.....	Vernon.....	Yale district.
Shotton, Horatio.....	Kamloops.....	Kamloops district.
Champion, L. F.....	150 Mile House.....	Lillooet district north of Clinton, Caribou and Cassiar (Inland).
Boyd, Jas.	Vancouver.....	Central Division, district No. 2.
Grice, John.....	Clayoquot.....	Clayoquot Sound district.
Wood, J. B.	Alberni.....	Alberni district.
Colvin, R. M.....	Cowichan Station.....	Cowichan district.
McIndoo, Harry.....	Nanaimo.....	Nanaimo district.
Mason, John.....	Courtenay.....	Comox district.
Lloyd, A. F.....	Quathiaska.....	Campbell river district.
Lucas, Alex.....	Alert Bay.....	Alert bay district.
Newland, Arthur.....	Welcome Pass.....	Pender harbour district.

LIST OF OFFICERS IN CHARGE OF GOVERNMENT FISH HATCHERIES, ETC., 1912-13.

Name.	P.O. Address.	Province.	Rank.
Walker, John.....	Ottawa.....	Ontario.....	Officer in charge Government Hatchery.
McLeod, A. W.....	Newcastle.....	".....	"
Parker, Wm.....	Sandwich.....	".....	"
Eldridge, W. J.....	Warton.....	".....	"
Laschinger, A. G.....	Sarnia.....	".....	"
McNab, A. J.....	Port Arthur.....	".....	"
McDougall, A.....	Southampton.....	".....	Acting Officer in charge.
Mathew, Clark.....	Collingwood.....	".....	Officer in charge Government Hatchery.
Audet, L. A.....	Magog.....	Quebec.....	"
Catellier, J. N.....	Tadoussac.....	".....	"
Lindsay, R. C.....	Gaspé Basin.....	".....	"
Elliott, Joseph.....	St. Alexis des Monts.....	".....	"
Meilleur, Joseph.....	Mont Tremblant.....	".....	"
Belknap, W. G.....	Baldwin Mills.....	".....	"
Mowat, Alexander.....	Campbellton.....	New Brunswick.....	"
McCluskey, F. J.....	Grand Falls.....	".....	"
Sheasgreen, Isaac.....	South Esk.....	".....	"
Brittain, B. B.....	St John West.....	".....	"
Ogden, Alfred.....	Bedford Basin.....	Nova Scotia.....	"
McDermid, Donald.....	N. E. Margaree.....	".....	"
Burgess, Frank.....	Windsor.....	".....	"
Holroyd, A. W.....	Winsloe Station.....	P. E. Island.....	"
Paulson, C. P.....	Selkirk.....	Manitoba.....	"
Grenon, Jos. O.....	Winnipegosis.....	".....	"
Johnston, J. B.....	Victoria.....	British Columbia.....	"
Mitchell, D. S.....	Kualt.....	".....	"
Graham, T. W.....	Lillooet.....	".....	"
Robertson, Alex.....	Harrison Springs.....	".....	"
Hamer, J. N.....	Rivers Inlet.....	".....	"
Gibbs, H. L.....	Hazelton.....	".....	"
Crawford, H. C.....	".....	".....	"
Castley, J. H.....	Duncans.....	".....	"
Martin, J. E.....	Clayoquot.....	".....	"
Bothwell, David.....	Uchucklesit.....	".....	"
Kemp, Ernest.....	Charlottetown.....	P. E. Island.....	Dominion Oyster Expert.

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List of Officers in Charge of Fisheries Patrol Boats, 1912-13.

Name.	Boat.
David Stewart.....	<i>Davies.</i>
Joseph Foster.....	Patrol Boat No. 1.
Silas Mitchell.....	Patrol Boat No. 2.
C. A. Goodwin.....	<i>Hudson.</i>
Guardian D. N. Forbes.....	<i>Richmond.</i>
W. S. Arseneault.....	<i>Tanner.</i>
Inspector T. J. Foster.....	<i>Kathleen.</i>
Ralph Forrest.....	<i>Lady of the Lake.</i>
Wm Dauphinee.....	<i>Elk.</i>
Guardian Jas J. Wilson...	<i>Flatiron.</i>
Wm Duncan.....	<i>Georgia.</i>
Thos Hembrough.....	<i>Swan.</i>
Wm C. Moore.....	<i>Semiahmo.</i>
Chas Moore.....	<i>Restless.</i>
H. L. Landry.....	<i>Hawk.</i>
James Wilkinson.....	<i>Kayex.</i>
Overseer John Widsten.....	<i>Kingfisher.</i>
W. P. Flewin.....	<i>Linnet.</i>
Overseer Saugstad.....	<i>Merlin.</i>
A. O. Copp.....	<i>Falcon.</i>
F. C. Laird.....	<i>Alcedo.</i>

The steamer "Princess", used in the Gulf of St. Lawrence, is under the command of Inspector Wakeham.

